

Department of the Army  
Pamphlet 611-21

Personnel Selection and Classification

# **Military Occupational Classification and Structure**

Headquarters  
Department of the Army  
Washington, DC  
31 March 1999

**UNCLASSIFIED**

# ***SUMMARY of CHANGE***

DA PAM 611-21

Military Occupational Classification and Structure

This new Department of the Army pamphlet--

- o Consolidates AR 611-101, AR 611-112, and AR 611-201.
- o Changes proponent agency references from the Deputy Chief of Staff for Plans (DCSPLANS) to the Deputy Chief of Staff for Operations (DCSOPS).
- o Incorporates changes announced by Notification of Future Change (NOFC) Memorandum O-9504-1 through O-9504-8; W-9504-1 through W-9504-3; E-9504-1 through E-9504-23; O-9510-1 through O-9510-5; W-9510-1 through W-9510-3; E-9510-1 through E-9510-13; O-9604-1 through O-9604-8; W-9604-1 through W-9604-4; E-9604-1 through E-9604-19; O-9610-1 through O-9610-6; W-9610-1 through W-9610-5; E-9610-1 through E-9610-21; O-9704-1 through O-9704-5; W-9704-1 through W-9704-2; E-9704-1 through E-9704-10; and E-9710-1 through E-9710-32.
- o Makes additions, revision, and deletions throughout the pamphlet for military occupational identifiers to include information from DA Circulars 611-95-1, 611-95-2, 611-96-1, 611-96-2, 611-97-1, and 611-23 (CINCOS).
- o Tables 5-6 through 5-9 have been renumbered. The new tables (MTOE/TOE and TDA) will appear as tables 5-65A-1, 5-65A-2, 5-65B-1, 5-65B-2, 5-65C-1, 5-65D-1, and 5-65D-2. There will be no tables 5-6 through 5-9 in this regulation.
- o Adds the following areas:

--Officer

-- Branch/FA:

-- MFA:

-- IC: 05A.

-- AOC: 47C, 47D, 47F, 47G, 47H, 47J, 47K, 47L, 47M, 47N, 47P, 47Q, 47R, 47S, 66N.

-- SI: 3R, 6D, 6E, 6F, 6G, 6H, 6M, 6R, 8F, 8G, 8L, D7, E3, E6, E7, E8, F5, M4, M5.

--Warrant officer

-- Branch:

-- AOC:

-- MOS: 250N.

-- SQI:

-- ASI: 6M, E3, E6, E7, E8, F5.

--Enlisted

-- CMF:

-- MOS: 13D, 14E, 14L, 14M, 14T, 14Z, 33W, 35D, 35L, 35Q, 35R, 75H, 79R, 79S, 79T, 81L, 81T, 91X, 92G, 92M, 92R.

-- SQI: 6.

-- ASI: 1F, 1G, 2C, 2G, 4T, L1, E3, F4, F9, G1, G2, L4, L5, T1.

o Revises the following areas:

--Officer

-- Branch/FA: 54.

-- IC:

-- MFA:

-- AOC: 02A, 11A, 12A, 12B, 12C, 13A, 14A, 15A, 15B, 15C, 15D, 18A, 21B, 25C, 25D, 35D, 38A, 39A, 39C, 41A, 45A, 47A, 47B, 49A, 51A, 53B, 54A, 56A, 56D, 60A, 60B, 60C, 60D, 60F, 60G, 60H, 60J, 60K, 60L, 60M, 60N, 60P, 60Q, 60R, 60S, 60T, 60U, 60V, 60W, 61A, 61B, 61C, 61D, 61E, 61F, 61G, 61H, 61J, 61K, 61L, 61M, 61N, 61P, 61Q, 61R, 61U, 61W, 61Z, 62A, 62B, 63A, 63B, 63D, 63E, 63F, 63H, 63K, 63M, 63N, 63P, 63R, 64A, 65A, 65B, 65C, 65D, 66A, 66B, 66C, 66D, 66E, 66F, 66G, 66H, 66J, 66N, 67A, 67B, 67C, 67D, 67E, 67F, 67G, 67J, 70A67, 70B67, 70C67, 70D67, 70E67, 70F67, 70H67, 70K67, 71A, 71A67, 71B67, 71C67, 71D67, 71E67, 71F67, 72A67, 72B67, 72C67, 72D67, 72E67, 73A67, 73B67, 74A, 74B, 75A64, 75B, 75B64, 75C, 75C64, 75D64, 75E, 75E64, 75F, 75F64, 92A, 92D, 92G.

-- SI: 4M, 5Y, 6C, 6U, 6V, 6W, 6Y, 7E, 7R, 7T, 8A, 8D, 8E, 8J, 9B, 9C, 9D, 9U, B1, B2, K4.

--Warrant officer--

-- Branch:

-- AOC:

-- MOS: 011A, 131A, 140A, 140B, 140D, 140E, 150A, 151A, 152B, 152C, 152D, 152F, 152G, 153A, 153B, 153D, 154C, 155A, 155D, 155E, 156A, 180A, 210A, 215D, 250A, 250B, 251A, 311A, 350B, 350D, 350L, 351B, 351C, 351E, 352C, 352D, 352G, 352H, 352J, 352K, 353A, 420A, 420C, 550A, 640A, 670A, 880A, 881A, 910A, 912A, 913A, 914A, 915A, 915D, 915E, 916A, 917A, 918A, 918B, 919A, 920A, 920B, 921A, 922A.

-- SQI: H, I, K, L.

-- ASI: 2T, 3E, 6B, 9C, 9N, A3, A4, B2, B5, C2, D2, D5, E4, E5, F2, G7, H2, H3.

--Enlisted--

-- CMF: 35, 51, 67, 92, 93, 97.

-- MOS: 00B, 00Z, 02B, 02C, 02D, 02E, 02F, 02G, 02H, 02J, 02K, 02L, 02M, 02N, 02S, 02T, 02U, 02Z, 02S, 11B, 11C, 11M, 11Z, 12B, 12C, 12Z, 13B, 13C, 13E, 13F, 13M, 13P, 13Z, 14D, 14E, 14J, 14R, 14S, 14T, 14Z, 18B, 18C, 18D, 18E, 18F, 18Z, 19D, 19E, 19K, 19Z, 23R, 25M, 25R, 25V, 25Z, 27E, 27H, 27K, 27M, 27T, 27X, 27Z, 31C, 31F, 31L, 31P, 31R, 31S, 31T, 31U, 31W, 31Z, 35B, 35C, 35D, 35E, 35F, 35H, 35J, 35L, 35M, 35N, 35Q, 35R, 35W, 35Y, 35Z, 37F, 39B, 42E, 43M, 44E, 45E, 45G, 45K, 45N, 46Q, 46R, 46Z, 51H, 51K, 51M, 51T, 51Z, 52D, 52F, 54B, 55B, 55D, 57E, 62B, 62N, 63B, 63D, 63E, 63H, 63N, 63S, 63T, 63W, 63Z, 67N, 67R, 67S, 67T, 67U, 67V, 67Y, 67Z, 68B, 68D, 68F, 68G, 68H, 68J, 68K, 68N, 68P, 68X, 71D, 71G, 71L, 71M, 73C, 73D, 73Z, 74B, 74C, 74G, 74Z, 75B, 75F, 75H, 75Z, 76J, 77F, 77L, 77W, 79R, 79S, 81L, 81T, 82C, 82D, 88H, 88K, 88L, 88M, 88N, 88Z, 91A, 91B, 91C, 91D, 91E, 91K, 91M, 91P, 91Q, 91R, 91S, 91T, 91V, 91X, 92A, 92G, 92M, 92R, 92Y, 92Z, 93C, 93P, 95B, 95C, 95D, 96B, 96D, 96H, 96R, 96U, 96Z, 97B, 97E, 97L, 97Z, 98C, 98G, 98H, 98J, 98K, 98Z, 98C, tables 11-1, 11-6, 11-8, 11-11.

-- SQI: S.

-- ASI: A2, A3, B5, C7, C9, F1, F3, G3, H3, J1, J6, K2, K4, M7, M8, N2, Q2, Q8, T8, U2, V7, W7, W5, W8, W9, X1, Y1, Y2, Z5, Z6, 1F, 1G, 1T, 2G, 2S, 2T, 4R, 4T.

o Deletes the following areas:

--Officer--

-- Branch/FA: 50.

-- MFA:

-- AOC: 13B, 13D, 13E, 21C, 47B, 50A, 66A, 66B, 66D, 66G, 66J, 71C, 71D, 92G.

-- SI: 3B, 3C, 4D, 4F, 4U, 4Y, 5F, 5M, 6B, 6J, 6K, 6S, 7A, 7B, 7C, 7J, 7N, 7U, 7V, 7W, 7Y, 8B, 8C, 8H, 8K, 8M, 8N, 8P, 8Q, 8R, 8S, 8U, 8V, 8W, 8X, 8Y, 9J, 9K, 9L, 9M, 9N, 9P, 9Q, 9R, 9S, 9V, 9W, A1, C1, C4, D1, EI, E2, E9, F1, G2, G9

--Warrant officer--

-- Branch:

-- AOC: 156.

-- MOS: 156A, 250A, 250B.

-- SQI: 9, M, N, P, R, S, V.

-- ASI: 3A, 3U, 4Y, 9B, 9D, 9M, A5, B1, E9, F1, G1, G8.

--Enlisted--

-- CMF: 94.

-- MOS: 00E, 00R, 12F, 16R, 16S, 16T, 16Z, 24M, 24T, 25L, 27F, 33R, 33T, 33Y, 33Z, 43E, 55Z, 57F, 67H, 68L, 68P, 68Q, 68R, 71C, 75C, 75D, 75E, 75Z, 79D, 81C, 81Q, 83E, 83F, 88Y, 91F, 91G, 93B, 93D, 94B, 97G, 98D.

-- SQI: A, Z.

-- ASI: A9, B6, B7, B8, C4, D1, E6, G5, H2, H6, M9, P4, Q6, Q7, R5, R8, U1, U5,  
W6, X3, 1B, 1E, 2L, 3T, 6N, 7C.

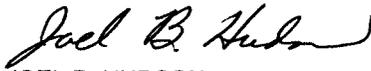
Personnel Selection and Classification

Military Occupational Classification and Structure

By Order of the Secretary of the Army:

DENNIS J. REIMER  
General, United States Army  
Chief of Staff

Official:



JOEL B. HUDSON  
Administrative Assistant to the  
Secretary of the Army

**History.** This printing publishes a new Department of the Army pamphlet which consolidates AR 611-101, AR 611-112, and AR 611-201.

**Summary.** This pamphlet gives procedures

and prescribes the method of developing, changing, and controlling officer, warrant officer, and enlisted military occupational classification structure (MOCS).

**Applicability.** This pamphlet applies to the Active Army, the Army National Guard, and the U.S. Army Reserve Army. It applies to all proponent agencies responsible for military occupational structure and classification. During mobilization, chapters and policies (AR 611-1), for this regulation may be modified by the proponent.

**Proponent and exception authority.** The proponent of this pamphlet is the Deputy Chief of Staff for Personnel. The proponent has the authority to approve exceptions to this regulation that are consistent with controlling law and regulation. The Deputy Chief of Staff for Personnel may delegate this approval authority, in writing, to a division

chief within the proponent agency in the grade of colonel or the civilian equivalent.

**Suggested Improvements.** Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to the Commander, U. S. Total Army Personnel Command, ATTN: TAPC-PLC-C, 200 Stovall Street, Suite 3N59, Alexandria, VA 22332-0406.

**Distribution.** This publication is available in electronic media only and is intended for command levels A, B, C, D, and E for the Active Army, the Army National Guard, and the U.S. Army Reserve.

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\* This pamphlet supersedes AR 611-101, AR 611-112, and AR 611-201, Issue Number 6, 26 June 1995.

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**RESERVED**

## Chapter 1 Introduction

### Section I Overview

#### 1-1. Purpose

This publication provides—

a. Guidance to individuals, commanders, personnel managers, proponents, and combat and material developers. Additionally it contains information on the classification of individuals by identifiers and classification of positions (duty position title, identifier(s) and grade in requirements and authorization documents). This publication implements the policy contained in AR 611-1.

b. Authorized branches, functional areas (FA), area of concentration (AOC), skill identifiers (SI) and guidance on the use of these codes in the classification of officer positions and personnel.

c. Authorized branches, AOC, military occupational specialties (MOSs), special qualification identifiers (SQIs), additional skill identifiers (ASIs), and guidance on the use of these codes in the classification of warrant officer positions and personnel.

d. Authorized career management fields (CMF), MOSs, SQIs, ASIs and guidance on the use of these codes in the classification of enlisted positions and personnel.

#### 1-2. References

Required and related publications and prescribed and referenced forms are listed in appendix A.

#### 1-3. Explanation of abbreviations and terms

Abbreviations and special terms used in this regulation are listed in the glossary.

#### 1-4. Statutory authority

Titles 10 (Armed Forces) and 32 (National Guard) of the United States Code are the statutory authority for this publication.

### Section II Proposals for Military Occupational Classification Structure (MOCS)

#### 1-5. Establishment of organizational documentation (OD) codes

a. The purpose of the OD code is to support the acquisition of a non-developmental item (NDI) per AR 71-32. It is used to create documents, develop training tasks and strategy, determine the proper grade structure and duty position titles, and identify the necessary bill payers.

b. The need for a new identifier (OD code) is determined during development of the Mission Need Statement (MNS). The MNS is approved at milestone zero (MSO). Since the MSO occurs prior to the initiation and development of the Basis of Issue Plan Feeder Data (BOIPFD) and Qualitative and Quantitative Personnel Requirements Information (QQPRI), the required information for a MOCS proposal is not readily available.

c. On approval of the MNS, the personnel proponent will submit a request to Commander, U.S. Total Army Personnel Command (PERSCOM), ATTN: TAPC-PLC, to establish an OD code. The request will include—

(1) A brief statement on the basis and nature of the proposal with justification for establishing a new identifier, and an explanation of why an existing MOS cannot be used.

(2) A double-spaced draft of the proposal and a 3 1/2 inch floppy disk in one of the most commonly used word processing software formats or American Standard Code Information Interchange (ASCII) format.

(3) A statement that the new MOS will or will not be a space imbalanced military occupational specialty (SIMOS) based on projected fielding of equipment.

(4) A statement that the identifier will or will not be available for

female soldier assignment and utilization. A male only identifier must be justified.

(5) A copy of the MNS.

d. The OD code will expire when a final MOS action has been submitted and approved, or 24 months from the date established unless an extension is requested by the personnel proponent.

e. On submission of the Basis of Issue Plan (BOIP) and QQPRI, the personnel proponent will submit a request for establishment of a MOS (AR 611-1) (to include a copy of the BOIP/QQPRI) to PERSCOM, ATTN: TAPC-PLC. The request for the OD code and MOS will also accompany the BOIP/QQPRI through the appropriate staffing procedures.

f. The MOS should be established as soon as possible but no later than 30 months prior to the first unit equipped date, to allow for proper documentation. Once approved, the process is completed and the OD code will be converted to the approved MOS in the Personnel Occupational Specialty Code—edit (POSC-Edit) file and published in Part III of the document.

#### 1-6. Establishing project development identifier (PDI) and identifying personnel

a. *Requesting persons or agencies.* One of the following persons or agencies will request establishment of a new PDI. These persons or agencies also normally request assignment of a PDI and Project Development skill identifier (PDSI) to a soldier. Request for a new PDI will be coordinated with other affected agencies before they are submitted to PERSCOM.

(1) Project manager.

(2) U.S. Army Training and Doctrine Command (TRADOC) system manager.

(3) Commandant of the TRADOC school responsible for training on a project or system.

(4) U.S. Army Operational Test and Evaluation Command.

(5) U.S. Army Intelligence and Security Command.

(6) Commander of the organization or test director testing the item of equipment or system. This may be a unit of any major command (MACOM).

b. *Restriction on identifiers.* The following restrictions apply to all PDI and PDSI:

(1) Identifiers will not be included in Tables of Organization and Equipment (TOE) or The Army Authorization Documents System-Redesign (TAADS-R). These codes are for personnel identification only.

(2) Identifiers will not be used in requisitioning, unless approved by Cdr, PERSCOM, ATTN: TAPC- (OPMD/EPMD, as appropriate). If approved for requisitioning, PDI will be part of the special instruction trailer card (SITC) of a requisition. Use of SITC is prescribed in AR 614-200, appendix C.

(3) PDI and PDSI will not be reported through the Standard Installation/Division Personnel System (SIDPERS).

(4) PDI and PDSI will not be shown on the DA Form 2 (Personnel Qualification Record—Part I.) However, they will be entered in pencil on Part II, DA Form 2-1. Additionally, DA Form 5178-R (Project Development Identifier (PDI) and Project Development Skill Identifier (PDSI)) will be included in the enlisted field personnel record. This ensures proper inprocessing of PDI-designated soldiers. A copy of DA Form 5178-R is located at the back of this pamphlet for local reproduction. This form is also available in electronic media.

(5) PDI and PDSI will not be used to replace the Office of the Deputy Chief of Staff for Personnel (ODCSPER) specialty/MOS decision process as part of the normal QQPRI program.

c. *Requesting a new PDI and PDSI.* Request to establish a new PDI and/or PDSI will contain the information listed below. This information will be prepared in the format shown in figure 1-1.

(1) *PDI and PDSI titles.* An unclassified title must be given. If the official title is classified, give a short unclassified title. If an acronym is used for a project or system title, it must be defined.

(2) *Estimated number of soldiers to be identified by the PDI.* List this information by the number of officers, warrant officers and enlisted personnel.

(3) *Required project development skill identifiers.* Each PDSI must be clearly different from others. Include a short justification for requesting each separate PDSI. A PDI must have at least one PDSI.

(4) *Criteria.* Criteria for assignment of the PDI and PDSI.

(5) *Authorized activities.* List of activities authorized to request assignment of PDI and PDSI to soldiers.

(6) *Restrictions.* Restrictions on assignment to soldiers, such as only selected MOS, ASIs or grade.

(7) *Date.* Estimated date when a PDI will no longer be needed.

**1-7. Processing requests for PDI/PDSI and assignment of identifiers**

a. The requesting agency will send the request for identifiers to PERSCOM, ATTN: TAPC-PLC-C.

b. PERSCOM will review the request.

(1) If the request is approved, a PDI and PDSI will be assigned and notification will be sent to the affected activities.

(2) If the request is not approved, the request will be returned giving the reason for disapproval.

c. On approval, authorized agencies will submit requests for assignment of PDI to soldiers. Commanders of units or test directors designated to test an item will identify soldiers involved in testing. The requesting agency may also include names of soldiers to be assigned PDI and PDSI.

d. Requests for assignment of PDI and PDSI to soldiers will be sent to PERSCOM, ATTN: TAPC- (OPMD/EPMD, as appropriate) (see figure 1-3). The PDI assignment date is when the soldiers

became qualified for assignment of PDI and PDSI. PERSCOM will return rosters rejected by the master files if an error cannot be corrected. On notification of the PDI in the master file, requesting agencies will complete DA Form 5178-R.

**1-8. PDSI construction**

a. PDSI are formed by adding a letter at the end of a PDI. This letter identifies the type of knowledge or skill a person had acquired. Letters 'A' through 'H' have a uniform description and may be used with any PDI. Letter 'J' will be used if the description for A through H is not adequate.

b. Uniform descriptions for 'A' through 'J' are described in table 1-1. PDSI code I will not be utilized.

**1-9. Termination and deletion of PDI and PDSI**

a. When a PDI is no longer needed for identification of personnel, PERSCOM will delete the PDI from the personnel files. PERSCOM will notify the field of such deletions.

b. Responsible agencies will recommend termination of the PDI and PDSI to Cdr, PERSCOM, ATTN: TAPC-PLC-C.

c. When terminated, a PDI and PDSI will be deleted from an individual's records.

d. Requests for withdrawal of a PDI identification will be sent to the proper career branch.

e. Each PDI will be reviewed biennially by CG, PERSCOM, ATTN: TAPC-PLC-C, for compliance with the specific policies, criteria and guidance used for establishing the identifier.

**Table 1-1  
PDSI Construction**

Letter	Title	Uniform description
A	Research & development	Identifies soldiers involved in the initial research or design of the system, including concept development, system design and development of a prototype.
B	School trained on the system by TRADOC service school or similar activity.	Identifies soldiers who have received formal instructions, normally by the TRADOC school that has responsibility for training soldiers to the system. a. When used with MOS or SSI that normally identifies soldiers trained in system operation. b. When used with MOS or SSI that normally identifies a level of maintenance, this PDSI identifies soldiers trained in an equivalent level of maintenance.
C	Contractor trained	Identifies soldiers who have received formal training from the civilian contracting agency developing the system for the Army. a. When used with MOS or SSI that normally identifies an operator, this PDSI identifies soldiers trained in system operation. b. When used with MOS or SSI that normally identifies a level of maintenance this PDSI identifies soldiers trained.
D	Unit test personnel	Identifies personnel assigned to a unit (normally battalion level or lower) designated to field test the system or item of equipment. Source of training does not matter. a. When used with MOS or SSI that normally identifies an operator, this PDSI further identifies personnel trained in the system. b. When used with MOS or SSI that normally identifies a level of maintenance, this PDSI identifies performance of that particular level of maintenance. This PDSI will only be assigned to personnel actually involved with the operation, maintenance or application of the system (such as battalion tactical use in the field test). It will not be awarded to non-essential personnel such as cooks or clerks.
E	Staff planner	Identifies personnel development of the doctrinal application of the system or project.
F	Project Manager (PM)/TRADOC System Manager (TSM) staff	Identifies personnel assigned to the immediate staff of the PM or TSM.
G	Test & evaluator staff	Identifies personnel involved in the evaluation or testing of the system but not assigned to the test unit.
H	Development tester/Operational tester support staff	Identifies personnel who have a limited knowledge of the system and are needed to provide support to the test unit, evaluator, or other individual or activity. These personnel play a limited role in the system and are not necessarily fully qualified in system operation or maintenance.

**Table 1-1**  
**PDSI Construction—Continued**

Letter	Title	Uniform description
J	Other	Identifies personnel who are qualified on or have knowledge of a system through means not covered by PDSI codes A through H above.

*DEPARTMENT OF THE ARMY*  
*U.S. ARMY AIR DEFENSE ARTILLERY SCHOOL*  
*FORT BLISS, TX*

*ATSA-XXXX*

*(Date)*

MEMORANDUM FOR     Commander, U.S. Total Army Personnel Command,  
                          ATTN: TAPC-PLC-C, 200 Stovall Street,  
                          Alexandria, VA 22332-0406

SUBJECT: Request for Establishment of Project Development Identifier

1. Request establishment of a PDI for the following system. Data is given as required under provisions of DA Pam 611-XX.

a. Title: ROLAND Missile

b. Estimated number of personnel to be identified:

(1) Officer: 50

(2) Warrant officer: 20

(3) Enlisted personnel: 125

c. Project development skill identifier required:

(1) PDSI for personnel trained by USAADS in operation of the ROLAND Missile.

(2) PDSI for personnel trained in maintenance of the XYZ power generator. The contractor does not provide this training; it is provided by the ABC Generator Company.

d. Criteria for award of PDI and PDSI: Completion of training as shown in c above.

e. Activities authorized to submit requests for award: USAADS only.

f. Restrictions to award: Only for enlisted personnel with an MOS in CMF 14.

g. Estimated termination date: March, 1999.

2. POC is (name of POC), DSN (phone number).

FOR THE COMMANDER:

*JOHN JONES*

*COL, AD*

*ROLAND TSM*

**Figure 1-1. Format for requesting a new PDI**

---

## ROSTER OF PERSONNEL

PDI:  
PDSI:

TITLE OF PDI:  
TITLE OF PDSI:

NAME-IND	SSN	SM-PAY GRADE	SSI/MOS-WO/ PMOS-ENLD	PDI-ASG-DATE
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(This roster will be sent by transmittal letter to Commander, PERSCOM (TAPC-OPMD/EPMD, as appropriate.)

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Figure 1-2. Format for roster requesting assignment of a PDI and PDSI to individuals

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## Chapter 2 Officer Classification System

### Section I Procedural guidance

#### 2-1. Concept

The following chapters in this part provide the procedural guidance for the classification of officer personnel and positions. This part consists of a complete compilation of authorized classification identifiers for officer personnel and standards for grading officer positions in authorization documents. No other classifications will be used for officers in authorization documents or strength reporting requirements.

#### 2-2. Position classification structure

*a.* Positions that are not related to a specific branch or FA but require experience in combat arms, logistics or personnel will be coded as follows:

(1) *Branch immaterial (01A)*. Code used to identify positions filled by any officer.

(2) *Combat arms immaterial (02A)*. Used to identify positions where there is a requirement for an officer to have experience in one of the combat arms branches.

(3) *Personnel immaterial (04A)*. Used to identify positions where there is a requirement for an officer to have experience in the personnel area but not necessarily an AG officer.

*b.* Positions requiring aviators as operational or nonoperational flying positions will be documented as follows:

(1) *Operational flying positions*. Operational flying positions will normally be identified in the primary position of the position code; (Branch 15 or AOC 67J) plus the appropriate aircraft skill in the skill column. In conformance with Material Acquisition Management (MAM) (4Z) Program, coding requirements for operational flying positions, the Aviation AOC will be placed in the secondary position requirement. If there is more than one aircraft skill, this will be indicated by a trailer card to accompany requisitions for personnel fill.

(2) *Nonoperational aviation positions*.

(*a*) Identifies aviation positions requiring aviation expertise, but no flying, with the appropriate Branch 15 AOCs and AOC 67J. Skill identifier G7 follows the position requirement.

(*b*) Nonoperational aviation positions coded SI G7, which require qualifications in a specific aircraft, will have the appropriate aircraft skill indicated. Except MAM Program positions, the SI 4Z must be shown. Additional skills will be included in a trailer card to accompany requisitions for personnel fill.

(*c*) See AR 570-1 for procedures to determine operational flying and nonoperational aviation position requirements.

#### 2-3. Position classification guidance

*a.* Use immaterial coding to the maximum extent possible when a specific branch is not required.

*b.* Use Branch coding whenever the expertise of a specific branch is required.

*c.* Use FA coding when the expertise of the specific FA is required.

*d.* Dual coded positions (i.e., branch/FA or FA/branch) should be kept to a minimum and used only when a position requires a combination of expertise.

#### 2-4. Composition and organization of branch, FA, and AOC

The specifications for branches and FAs are as follows:

*a. Branch/FA code and title*. A two-digit numerical designation and descriptive title that identifies the branch/FA.

*b. Branch/FA proponent*. The designated proponent assigned primary responsibility for establishing of qualification criteria and career development patterns within their specific occupational career field.

*c. Branch/FA description*. A short paragraph that indicates briefly the scope and distinguishing characteristics of the branch/FA.

*d. Branch/FA qualification*. DA Pam 600-3 lists qualifications for entry and promotion in all branches and FA.

*e. AOC code and title*. A three-character alpha numeric code identifies branch/FA and the associated areas of expertise followed by a descriptive title.

*f. AOC description of duties*. A general statement explaining the duties of the positions within this AOC. This statement describes some representative tasks. This statement also includes an indication of skills, knowledge required, equipment used, and other pertinent occupational information.

*g. Special qualifications*. A statement of skills, knowledge, education, training, experience and security requirements not explicitly defined in detail by the description of duties. DA Pam 600-3 contains detailed description of officer career progression training, education options and requirements. Security investigation or clearance requirements that apply only to designated activities or duty positions are not included. These requirements are outlined in AR 380-67 and other regulations governing assignment to special activities and programs.

*h. Special grading of positions*. Designate those positions within the AOC that require special grading exception and cannot be graded under the standards in chapter 5.

i. *Unique duty positions.* Examples of duty positions appropriate and unique for the AOC. These positions are intended only as a guide in selecting descriptive titles. Also included are authorization documents and cover only the more generally used duty position titles. They should not be considered complete or applicable to all authorization documents. However, follow the duty positions titles to the maximum extent possible when documenting position requirements.

## **2-5. Composition and organization of skill specifications**

The specifications for skills are as follows:

a. *SI and title.* A two-character numeric/alpha code description and descriptive title that identifies the skill.

b. *Skill description.* A descriptive summary of the scope and distinguishing characteristic of the skill, made up of the following subparagraphs:

(1) *Description of positions.* A short paragraph that identifies the scope and specific duties of the skill.

(2) *Qualification for award.* A description of required education, training or other special qualifications an officer must meet for the skill.

(3) *Restrictions.* A listing of any specific branch/FA and/or AOC or other applicable restrictions with which the skill may or may not be used. If restrictions are not shown, the skill may be used with any AOC.

c. *Skill proponent.* The designated proponent assigned primary responsibility for establishing of qualifications criteria.

## **2-6. Changes to the officer classification system**

Recommendations to the officer classification system for additions, revisions or deletions should be submitted as provided in AR 611-1.

## **Section II**

### **Classification of Active Duty Officers**

#### **2-7. General**

This section provides the classification of officers on active duty or active duty for training (ADT) for more than 90 days. Army Medical Department (AMEDD) officers, chaplains, and Judge Advocate General Corps (JAGC) officers are an exception.

#### **2-8. Designation of branches, FA, AOC, skills and language identifiers**

The Director of Officer Personnel Management (OPMD), PERSCOM, will designate branches, FA, AOC, skills (PERSCOM controlled skills) and language identifiers. This is based on the Army's needs and each officer's qualifications and desires. DA Pam 600-3 lists branch/FA qualification criteria. All officers will be commissioned in one of the basic branches of the Army (AR 600-3). Officers may be branch transferred to meet changing Army requirements at higher grade levels.

## **Section III**

### **Classification of AMEDD Officers**

#### **2-9. General**

This section provides for the classification of AMEDD officers on active Army or those serving in the Army Reserve.

#### **2-10. Designation of medical AOC and skills**

a. AMEDD officers will be classified with no more than three AOCs. The designation (P) for primary, (S) for secondary, and (T) for tertiary will be used to indicate relative priority of the AOC classification. AMEDD officers may be classified with only those AMEDD AOC contained in chapter 3; however, they may serve in duty AOC as prescribed by The Surgeon General (TSG).

b. Chapter 3 defines the basic criteria for award of AMEDD AOC. Because of the need to evaluate professional qualifications and experience, only the classification authorities defined in AR 611-1 may award an AMEDD AOC. This authority also redesignates an AMEDD AOC as (P), (S), or (T).

c. Chapter 4 describes skills that may be used to identify additional qualifications of AMEDD officers. The proficiency designator in table proficiency designator in table 4-2, will be used to designate degree of proficiency in a particular AOC.

d. AOCs will normally be designated for an individual AMEDD officer in the form of a 3-position code. However, the proficiency designator in table 4-2 may be designated in conjunction with the AOC to form a 5-position code. This designator indicates the officer's degree of proficiency in that particular AOC.

#### **2-11. Procedures for classification**

a. *Initial classification.* The Surgeon General will accomplish initial classification of all AMEDD officers. The AOC for officers whose first active duty assignment is preceded by attendance at the AMEDD Officer Basic Course (OBC) at the Army Medical Department Center and School (AMEDDCS) will be furnished to the Commandant, AMEDDCS. AMEDDCS Commandant will direct that the AOC classification be submitted as a SIDPERS transaction, under AR 600-8-104 before the officer's departure from school.

b. *Change in classification.* Changes subsequent to initial classification will be accomplished based on a continuing evaluation of demonstrated professional competence. Specific reference is made to validation of current state license to practice nursing.

(1) When an officer is considered qualified for classification with a secondary or additional AOC or skill, or when a change in primary AOC is considered appropriate, commanders will submit recommendations for changes in classification to Commander, PERSCOM, ATTN: TAPC-OPH (appropriate career branch) for active army officers, or Commander, ARPERCOM, ATTN: DARP-OP-O (AMEDD), 9700 Page Avenue, St. Louis, MO 63132-5260, for USAR officers. The criteria contained in table 4-2 and in the AOC specifications will serve as a guide for submission of recommendations for AOC changes. A duty position occupied does not in itself require or justify a change in (P), (S), or (T) AOC classification.

(2) An annual review and evaluation of the classification of each Army Nurse Corps (ANC) officer will be made by the appropriate commander per the schedule shown in table 2-1. Recommendations resulting from this review will be forwarded to Commander, PERSCOM, ATTN: TAPC-OPH-AN, no later than the 15th day of the month following the review quarter.

(3) On receipt of notification of specialty board certification of a Medical Corps (MC), Dental Corps (DC), or Veterinary Corps (VC) officer by an American Specialty Board or by the Federal Services Board of General Dentistry, a request for classification with a "9B" proficiency designator must be sent through command channels. Forward request to Commander, PERSCOM, ATTN: TAPC-OPH (appropriate career branch), or to Commander, ARPERCOM, ATTN: DARP-OP-O (AMEDD), as appropriate. The classification request must include appropriate documentation of the board certification.

(a) On receipt of notification of certification of a MC, DC, and VC officer by their respective national organization specialty boards, AMEDD commanders are authorized to classify their assigned officers with the "9B" proficiency designator. Notification of classification with a copy of the certification will be sent to Commander, PERSCOM, ATTN: TAPC-OPH (appropriate career branch) or to Commander, ARPERCOM, ATTN: DARP-OP-O (AMEDD), as appropriate.

(b) Commanders of AMEDD facilities approved to conduct medical residency and/or dental residency and fellowship training are authorized to classify with the "9C" proficiency designator. The proficiency designator for medical and dental officers is awarded on completion of formal training meeting the American Specialty Board or the Federal Services Board of General Dentistry requirements in a specialty field.

(c) Commanders of AMEDD facilities approved to conduct medical and/or dental residency (to include Advanced Education in General Dentistry (AEGD), 1 year) and fellowship training are

authorized to classify with the "9D" proficiency designator to medical and dental officers who complete 1 year of formal training in a professional field.

(d) Commander of AMEDD facilities approved to conduct graduate medical/dental education programs including fellowship training are authorized to award proficiency designator "9E" to an officer in a medical/dental intern or a dental resident education program. The officer will be awarded the AOC specialty in which he is training to include proficiency designator "9E".

(e) Recommendations for change in AOC/skill classification will be forwarded by letter to Commander, PERSCOM, ATTN: TAPC-OPH- (appropriate career branch), or Commander, ARPERCOM, ATTN: DARP-OP-O (AMEDD), as appropriate. Each recommendation will cite specific reasons for the change to include an appraisal of the officer's qualifications in relation to the applicable portion of table 4-2 and/or chapter 3. Direct correspondence is authorized between AMEDD commanders and the Commander, PERSCOM, or between AMEDD commanders and the AMEDD Personnel Management Office at ARPERCOM.

## 2-12. Criteria for classification of certain AMEDD officers

a. *Medical Corps.* Operational Medicine is coded in AOC 60A and is only used as a duty AOC to identify positions of operational medicine. It is used to designate certain positions at command and staff level in which medical officers may perform a variety of planning and supervisory functions pertaining to the delivery of health services, in addition to duties in their primary clinical AOC.

### b. *Dental Corps.*

(1) *General Dentist.* AOC 63A indicates that an officer must perform the duties a general practitioner of dentistry performs. However, the officer has not received specialty training in one of the fields recognized as a primary AOC. Dental officers holding AOC 63A are authorized award of SI 9D per table 4-2 only when they have completed the program of Advanced Education in General Dentistry.

(2) *Executive Dentist.* Officers with primary classification in Branch 63 will retain that classification when assigned to duty in AOC 63R on satisfactory completion of such duty, as determined by the Chief, Army Dental Corps. AOC 63R may be awarded as a secondary AOC.

### c. *Veterinary Corps.*

(1) *Field Veterinary Services.* This is the entry level medical functional area (MFA). It identifies officers who do not have specific qualifications per table 3-1. It shows the officer is qualified to perform a variety of veterinary general duties. This MFA identifies the general veterinary officer who directs, supervises, coordinates and/or performs the inspection of subsistence. Additionally, the veterinary officer examines, diagnoses, treats, or prescribes courses of treatment for sick or wounded animals. Veterinarians with this MFA may also participate as research and development investigators.

(2) *Veterinary Corps.* These professional specialty MFAs identify officers who satisfactorily completed their approved graduate training or have experience in a field directly related to the MFA. These MFAs also identify officers who completed a veterinary preceptorship program approved by TSG.

(3) *Skill.* The SIs are awarded for VC officers who have had further education, training, and/or experience in certain disciplines of subspecialties. The skills are restricted to certain MFAs/AOCs. A skill designation is not intended to classify an officer for utilization limited to the skill.

### d. *Army Nurse Corps*

(1) *Nurse Administrator.* Officers with a primary classification in a clinical AOC may have the primary AOC changed to Nurse Administrator on assignment to such duty. The officer must be determined to be qualified and that the future career of the officer will continue along such duties. The officer must request the AOC change. In such cases, the former clinical AOC will be designated as a (S) or (T) AOC.

(2) *Clinical Nurse.* Officers who have limited or no prior professional nursing experience and/or who are changing their current

AOC classification but do not meet the criteria for classification in another ANC AOC described in this publication will be classified as Clinical Nurse.

(3) *Instructors.* Skill identifier 5K used in conjunction with a clinical nurse AOC will indicate a minimum of 1 year in military nursing practice, a minimum of a baccalaureate degree in nursing and qualification for assignment as a full-time instructor in nursing at an Army service school or other organized training facility.

(4) *Medical Research, Development, Test, and Evaluation (RDT&E).* Skill identifier 8Z used in conjunction with the clinical nurse AOCs will indicate a minimum of 1 year in military nursing practice, a doctoral degree, and qualifications for assignment as full-time principal investigator at an Army research unit. In certain instances, the doctoral degree can be waived when the officer has completed a creditable research project and holds a minimum of a master's degree in nursing. Officers who now possess SI 8Z as a result of having completed the 10 month course in Military Nursing Practice and Research are authorized to retain this skill.

(5) *Skill.* The skill designator provides a means whereby officers who have had education and experience in certain subspecialties and extended roles of nursing can be identified at headquarters level, as well as providing utilization guidance to local commanders. The skill is not intended to limit utilization of an officer to a subspecialty within an AOC. An ANC officer must be as broadly trained and as widely qualified as possible in order to ensure maximum flexibility in assignment and utilization. The skill should assist supervisors in planning work experiences that provide for growth and development of the nurse officers. These work experiences should broaden, rather than restrict, future utilization of the ANC officer. When a skill is applicable to more than one AOC, the qualifying experience must be appropriate to the basic AOC in order to describe that AOC.

### e. *Medical Service Corps (MSC).*

(1) *Health Services Administration.* This is the entry level MFA for association with AOC 67A. It identifies officers who do not possess specific qualifications per table 3-1.

(2) *Aeromedical Evacuation Officer.* MSC officers who are on flight status and receiving flight pay per the Aviation Career Incentive Pay (ACIP) Act of 1974 will be classified with primary AOC 67J. When entitlement to ACIP ceases upon completion of 25 years Active Federal Commissioned Service or on voluntary withdrawal from flight status officers holding primary AOC 67J will be reclassified consistent with their background and experience. In these cases, AOC 67J will be retained as a secondary AOC.

f. *Army Medical Specialist Corps (AMSC).* SI 8Z may be awarded to AMSC officers provided they have actively participated in at least three research or clinical investigation studies and have published at least three research papers in professional journals. They must also possess a graduate degree in a relevant research discipline (masters degree with thesis, Master of Physical Therapy from the U.S. Army Baylor Program or a doctoral degree). In certain instances, the degree requirement may be waived when an individual has demonstrated outstanding research and/or clinical investigation competence by significantly exceeding all other requirements.

g. *All AMEDD Corps.* AMEDD officers may be awarded SI 8Z in recognition of personal qualification and demonstrated proficiency in an RDT&E activity. Criteria for ANC officers and AMSC officers are specified above. Criteria for AMSC officers are specified in "Army Medical Specialist Corps" section of Skill Criteria for AMSC Proficiency Designation in Research and Clinical Investigation. Other AMEDD officers may be awarded SI 8Z provided that they have a graduate degree in a relevant research discipline, and have satisfactorily performed duty as a principal investigator or field researcher for at least 3 years in a RDT&E activity.

## Section IV Classification of Chaplains

### 2-13. General

This section provides for the classification of chaplains in the active

army or in a Reserve Component (RC). All chaplain AOC codes have "56" as the first two digits of the three-character AOC code. These AOC designations are unique to chaplains and can only be designated or withdrawn by the Chief of Chaplains.

#### **2-14. Procedures for classification**

*a. Initial classification.* The Chief of Chaplains will accomplish initial classifications of chaplains.

*b. Change in classification.* Changes in the AOC designation of a chaplain or the classification with additional AOC in the "56" series will be based on a continuing evaluation of demonstrated professional competence.

(1) When a chaplain is considered qualified for classification with an additional AOC in the "56" series or an additional skill description and code, commanders will submit recommendations for changes in AOC or SI classification to HQDA (DACH-PER), WASH DC 20310-2700. The criteria contained in the AOC and SI specifications will serve as a guide for the submission of recommendations. Recommendations will include comments and recommendation for approval or disapproval from the command staff chaplain.

(2) Chaplains may be classified with additional AOC in other than the "56" series.

### **Section V**

#### **Classification of Judge Advocate General's Corps Officers**

##### **2-15. General**

This section provides for the classification of Judge Advocate General Corps (JAGC) officers on active duty or in the RC. All JAGC AOC codes have "55" as the first two digits of the three-character AOC code. AOC 55 codes are unique to the JAGC and can only be designated or withdrawn by The Judge Advocate General (TJAG).

##### **2-16. Procedures for classification**

*a. Initial classification.* The Judge Advocate General will accomplish initial classification of JAGC officers.

*b. Change in classification.* Changes in the AOC code of a JAGC officer or the designation of SI will be based on a continuing evaluation of demonstrated professional competence. Commanders will submit recommendations for changes in classification of JAGC officers to HQDA (DAJA-PT), WASH DC 20310-2206. The criteria contained in the AOC and SI specifications will serve as a guide for the submission of recommendations.

### **Section VI**

#### **Classification of Officers of the U.S. Army Reserve not on Active Duty**

##### **2-16. General**

This section provides for the classification of officers of the U.S. Army Reserve (USAR) not on active duty.

##### **2-17. Procedures for classification**

*a.* This paragraph describes the procedures for identifying officers' qualifications and indicates the appropriate classification authorities. When designating branch, FA, AOC, and skill, the qualification requirements prescribed in this section will apply.

*b.* Classification upon transfer to USAR after release from active Army or transfer from another RC. The officer's active army or RC records will be reviewed to ensure that appropriate branch, FA, AOC and skills are recorded. Records under review should contain data on the member's occupational and military skills, education, quality of active duty service, or physical condition.

*c.* Individuals receiving appointments/commissions under provision of AR 135-100 and AR 140-50 for assignment to troop program unit (TPU) or Individual Mobilization Augmentation (IMA) positions are to be designated a branch, AOC and skill based on the requirements of the position being filled and a review of the officers' military/civilian training and experience. These officers will be reported as "OOD" in personnel reporting documents until they satisfactorily complete a basic branch officer basic course.

*d.* An officer transferred to the Ready Reserve from the Retired Reserve or from an inactive status list to an active status will be designated a branch and AOC descriptive of the individual's most significant and most recent military/civilian training and experience.

##### **2-18. Determination of AOC or SI**

*a.* An AOC or SI may be changed under the following conditions:

(1) The member's qualifications have significantly increased, qualifying the officer for an AOC of greater value to the Army or reflecting increased technical knowledge or skill.

(2) The officer's proficiency in the AOC or skill has not been maintained.

*b.* If the improvement referred to in a(1) above is based chiefly on civilian education or occupations (see AR 611-1). If the improvement is based chiefly on reserve duty training, or military schooling, the change in the AOC/skill will be requested by the unit commander or designated representative will make this request.

##### **2-19. Redesignation of branch/FA or skill**

*a.* Branches and FAs will be redesignated and skills withdrawn for any of the following reasons:

(1) When the individual requests branch transfer and has the qualifications for such action.

(2) When the branch or FA is deleted.

(3) When directed by HQDA.

(4) When a pilot is indefinitely suspended from flying status, any skill denoting pilot qualifications will be withdrawn immediately. If the restriction is subsequently lifted, the withdrawn skill will be reinstated, provided the officer is otherwise qualified.

(5) When, as documented in an officer's evaluation report, the officer is determined to be no longer qualified by the rating officer in the AOC or SI involved.

*b.* An officer who did not qualify in a branch or FA after 3 years or two annual training (AT) periods (whichever is longer) will be—

(1) Reassigned locally to another position within his/her designated branch/FA or to a related branch/FA most suitable to the officer's training and skills.

(2) Retained in his/her present assignment when a longer period of training is justified by the technical nature of the assignment or otherwise justified by extenuating circumstances.

(3) Considered for reassignment within the Command or Army area or, if no suitable positions are available, to the appropriate USAR Control Group per AR 140-10. Final action on non-obligated officers will be taken at the USAR Command level. Final action on obligated officers will be taken by the area commander. For Individual Ready Reserve (IRR) officers, appropriate action will be taken by CG, ARPERCOM.

*c.* The redesignation of branches and FA will not be published in written orders; however, the immediate commander will provide written notification to the officer concerned.

### **Section VII**

#### **Specialty Designation and Classification of Officers in the Army National Guard**

##### **2-20. General**

This section provides for the classification of soldiers in the Army National Guard (ARNG).

##### **2-21. State Adjutant Responsibility**

The State Adjutant General of each state and territory is responsible for the overall direction and effectiveness of—

*a.* Branch, FA designation, classification, and personnel administration.

*b.* Management, preparation, maintenance, and disposition of the qualification records of assigned officers.

##### **2-22. Procedures for classification**

*a.* This paragraph establishes the procedures for identifying an officer's branch, FA and skill qualification. When awarded for

ARNG officers, the qualification requirements prescribed in this pamphlet will apply.

b. Branches, FA and skills when initially designated and awarded will be entered on officer qualification records and the automated personnel data systems.

c. Branches, FA and skill qualification designator may be awarded by the State Adjutant General as follows:

(1) Upon completion of an Army service school, USAR school, or extension courses that are skill producing as attested by certificates provided by the appropriate school commandant.

(2) Upon completion of civilian education (see AR 611-1).

(3) When civilian occupation and training warrant such an award (see AR 611-1).

(4) As a result of the unit commander's recommendation and evaluation of the officer's performance of duties, including completion of annual training (AT), active duty training (ADT), or full-time training duty. Such evaluation and recommendation will be forwarded through channels to the State Adjutant General.

(5) When restriction is lifted for a pilot previously suspended for an indefinite period.

(6) When proficiency has been regained in previously withdrawn branches, FA and skills as attested to by rating chain officers on the evaluation report.

(7) Reclassification of AMEDD officers will be accomplished at the state level using the professional criteria contained within section III. Reclassification boards will consist of appropriate ARNG AMEDD representation.

d. Branches, FA and skills may be withdrawn by the State Adjutant General when:

(1) The rating chain shows the individual is determined to be no longer qualified in the branch, FA or skill involved, as documented in an officer evaluation report.

(2) Directed by Army regulations.

(3) A pilot is indefinitely suspended from flying status. Any skill denoting pilot qualifications will be withdrawn immediately.

## **2-23. Failure to qualify for award of AOC or skill qualification in duty position**

When an officer fails to qualify for award of an AOC or skill qualification upon completion of two AT periods, he will be evaluated for:

a. Reassignment to position for which qualified.

b. Retention in the present assignment when a longer period of training is justified by the nature of that assignment.

c. Resignation of branch or FA if determined that officer cannot satisfy qualification requirements.

## **Section VIII**

### **Reporting Classification/Immaterial Codes**

#### **2-24. General**

a. These reporting classifications are to be used for personnel and/or position reporting purposes only and not for personnel accounting. The first two digits of the reporting classification (00) is the control code used to account for those student officers in a non-operating status. The reporting classifications are also used to further define the actual status of an officer and may be used as position codes for general officer documentation purposes in TAADS-R. Except general officers, all officers with a reporting classification will be further identified by the control code (CTCODE) they carried at the time they went into a non-duty status. For example, a student officer (reporting classification 00E) who possessed CTCODE 31 (Military Police) prior to entering the student account would be reported as 00E31.

b. Immaterial codes have been established to identify officer positions where the job description does not correlate directly with a specific branch or FA area as described in this section. These codes permit more flexibility with force structure and inventory changes, allowing more accurate coding to fulfill requirements.

#### **2-25. Reporting codes**

The following reporting codes will be used in personnel reporting documents to reflect the officer's reporting classification.

a. *Duties unassigned (00A)*. This reporting classification is to be used for personnel reporting purposes only. It is used to report absence from present duty assignment of an officer who has not been given a specific principal duty, whether assigned or attached to unit, or enroute to join a unit.

b. *General officer (00B)*. This reporting classification is to be used for general officers. It will be used to designate and classify manning table requirements for all officers in grade of brigadier general or higher. It will be used in place of the AOC for all general officers. General officers may have other skills as designated in this publication for which they are qualified. This classification may be used to identify officers who have served as general officer and are now serving in a grade below that of brigadier general.

c. *Relieved from duty sick in hospital or quarters (00C)*. This reporting classification is to be used for personnel reporting purposes only. It is used to report nonduty status of an officer, assigned or attached unassigned to a unit, who has been relieved of duty while sick in hospitalized or nonhospitalized status, either on or off post.

d. *Newly commissioned officers awaiting entry on active duty for OBC attendance (00D)*. This reporting classification is to be used for personnel reporting purposes only. It is used for reporting all newly appointed lieutenants, regardless to source of commission, who are awaiting entry on active duty to attend a basic branch OBC.

e. *Student officer (00E)*. This classification is to be used for personnel reporting-purposes only. It is used to report duty status of an officer who is presently pursuing a course of instruction at a general or special service school on full time basis.

#### **2-26. Branch Immaterial (01A) (Proponent: CG, PERSCOM)**

a. *Description of duties*. Commands or performs staff duties where no unique education, training or experience through any specific branch or FA affiliation is required as a prerequisite for successful performance at the required grade.

b. *Position title examples*. See table 2-2. (Examples shown are not to be used to restrict assignment of women.)

#### **2-27. Combat Arms Immaterial (02A) (Proponent: CG, PERSCOM)**

a. *Description of duties*. Commands or performs staff duties that require education, training or experience associated with combat arms (AR 611-1) officers as a group. Successful performance at the required grade in these positions does not require unique education, training or experience associated with a specific branch or FA.

b. *Position title examples*. See table 2-2. (Examples shown are not to be used to restrict assignment of women.)

#### **2-28. Personnel Immaterial (04A) (Proponent: CG, PERSCOM)**

a. *Description of duties*. Integrates at division, community/installation and above, the personnel service support functions performed by the respective special staff officers and other staff officer. These functions are personnel system, personnel programs management, administrative systems, morale support and community activities management, postal operations, Army bands, public affairs, chaplain, legal, health, and finance services, civilian personnel management, discipline, law and order, and other personnel functions and services.

b. *Special qualifications*. Must be FA 41 or an AG officer.

c. *Special grading of positions*. None.

d. *Position title examples*. See table 2-2.

#### **2-29. AMEDD Immaterial (05A) (Proponent: Office of The Surgeon General)**

a. *Description of duties*. Performs staff duties which requires education, training or experience associated with AMEDD. Successful performance at the required grade in these positions does not

require unique education, training or experience with a specific AMEDD branch or AMEDD functional area affiliation.

*b. Special grading of positions.* Immaterial positions within the AMEDD will be restricted to LTC and COL.

*c. Position title examples.* See table 2-2.

**Table 2-1  
Schedule for Reviewing ANC AOC/Skill**

Commanders	Will Review Assigned ANC Officers' AOC/Skill Classification Annually During
USA Medical Command, Regions I and II MEDDAC Dwight David Eisenhower Army Medical Center Walter Reed Army Medical Center	January-March
USA Medical Command, Region III and IV MEDDAC Brooke Army Medical Center William Beaumont Army Medical Center	April-June
USA Medical Command, Regions V and VI MEDDAC Fitzsimmons Army Medical Center Letterman Army Medical Center Madigan Army Medical Center	July-September
HQDA MACOM other than MEDCOM Tripler Army Medical Center	October-December

**Table 2-2  
Examples of Positions that should be coded Immaterial**

Position (Not all-Inclusive)	01A Branch Immaterial	02A Combat Arms Immat- erial	04A Personnel Immaterial	05A AMEDD Immaterial1
Deputy Post Commander	X			
Community Commander	X			
Deputy Community Commander	X			
Sub-Community Commander	X			
Installation Coordinator	X			
Chief of Staff	X	X		
Secretary of the General Staff	X	X		
Asst Secretary to General Staff	X	X		
Protocol Officer	X			
Aide de Camp	X	X		
Equal Opportunity Staff Officer	X			
Alcohol and Drug Control Officer	X			
Organizations Effectiveness Staff	X			
Reenlistment Officer	X			
Headquarters Commandant	X			
Inspector General	X	X		X
Asst Inspector General	X	X		
Professor of Military Science	X			
Asst Professor of Military Science	X			
ROTC Area Commander	X			
ROTC Opns Officer/Area Rep	X			
USAREC Co/Bn Commanders	X			
USMA Instructors	X			
USMA Tactical Officer/XO	X			
USMA Asst Coaches	X			
USMA Admission Officers				
Basic Training Company Commanders	X	X		
Basic Training Officer	X	X		
Committee Chief	X	X		
Readiness Coordinator	X	X		
Senior Army Advisor	X	X		
Readiness Group XO	X	X		
Liaison Officer	X	X		
Project Officer	X	X		
Dept/Agency Executive Officer	X	X		
Military Assistant	X			
Congressional Liaison Officer	X			
Division G1/AG			X	
Director of Personnel & Community Activities			X	
Executive Officer (OTSG)				X
Chief of Staff (CHPPM & AMEDD&S)				X
Deputy Commander (CHPPM)				X
Chief, Clinical Investigation				X
Chief, Strategic Planning & Marketing				X

**Table 2-2**  
**Examples of Positions that should be coded Immaterial—Continued**

Position (Not all-Inclusive)	01A Branch Immaterial	02A Combat Arms Immaterial	04A Personnel Immaterial	05A AMEDD Immaterial <sup>1</sup>
Commandant/Dean (AMEDDC&S)				X
Chief, Health Services Division (PERSCOM)				X
Director, Health Services Division (Recruiting Cmd)				X
Chief, Operations, Health Services Division				X
Detachment Commander, AMEDD (USAREC)				X
Chief Surgeon (ARNG Bureau)				X

Notes:

<sup>1</sup> AMEDD positions not listed may not be converted to IC 05A without prior written approval of the proponent Office of The Surgeon General (OTSG).

## Chapter 3 Specifications for Branches/FA

### Section I Branches

#### 3-1. Infantry (11) (Proponent: Infantry School) (Closed to women—see AR 611-1, paragraph 4-7.)

*a. Branch description.* Encompasses positions concerned with the training and tactical employment of Infantry units, Infantry soldiers, and combined arms units. Evaluates intelligence, estimates situations, and formulates decisions. Coordinates employment of unit with other units. Commands attached elements. Directs communications, location and construction of Infantry positions and ground obstacles, and camouflaging of positions and equipment. Directs operation and employment of Infantry weapons and equipment such as rifles, machine guns, mortars, hand grenades, rocket launchers, recoilless rifles, armored personnel carriers and Bradley Infantry Fighting Vehicle. Directs training, administration, supply, maintenance, transportation and security activities of Infantry units.

*b. Branch qualifications.* DA Pam 600-3 lists qualification criteria for entry and professional development in this branch.

*c. Infantry (11A).*

(1) *Description of duties.* Commands or assists the commander in commanding an Infantry unit. Serves in positions requiring general infantry experience.

(2) *Special qualifications.* Must have completed the Infantry Officer Basic Course and/or possess the basic knowledge necessary for successful operations in an infantry unit gained through additional training or experience.

(3) *Special grading of positions.*

(a) The Recon Platoon Leader in a Ranger Regiment will be graded CPT.

(b) The Chief, Leadership Training Program (LTP), at the Joint Readiness Training Center (JRTC), Ft Polk, LA will be graded LTC.

(c) The company commander in the Alaskan National Guard Scout Battalion will be graded MAJ.

(4) *Unique duty positions.* None.

#### 3-2. Armor (12) (Proponent: Armor School) (Closed to women—see AR 611-1, paragraph 4-5.)

*a. Branch description.* Encompasses leadership and staff positions concerned with the training and tactical employment of tank or armored reconnaissance units. Evaluates intelligence, estimates situations, formulates courses of action and makes decisions, coordinates employment of unit with other units (to include combat aviation). Commands attached elements. Directs communications, location and construction of positions, and camouflaging of positions and equipment. Directs operations and employment of tanks, armored vehicles, support infantry, and related equipment. Directs training, administration, supply maintenance, transportation, and security activities of the unit.

*b. Branch qualifications.* DA Pam 600-3 lists qualifications for entry and professional development in this branch.

*c. Armor, General (12A).*

(1) *Description of duties.* Performs in leadership or staff positions which require skills involving general armor field knowledge.

(2) *Special qualifications.* Must have appropriate training in both tank and reconnaissance weapon systems (employed as combined arms unit) at the Armor School, or equivalent training or experience.

(3) *Special grading of positions.* The Recon Platoon Leader in a Ranger Regiment will be graded CPT.

(4) *Unique duty positions.* None.

*d. Armor (12B).*

(1) *Description of duties.* Performs in leadership or staff positions of tank units or tank specific positions at higher headquarters.

(2) *Special qualifications.* Requires completion of the 12B (tank tactics) track of the Armor Officer Basic Course or equivalent training or experience.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

*e. Cavalry (12C).*

(1) *Description of duties.* Performs in leadership or staff positions of Armor Reconnaissance units or cavalry specific positions at higher headquarters.

(2) *Special qualifications.* Requires completion of Scout Leader Course, Cavalry Leaders Course, or a minimum of 12 months actual experience as a cavalry officer (AOC 12C).

(3) *Special grading of positions.* Divisional Cavalry Squadron HHT Commander (MAJ).

(4) *Unique duty positions.* None.

#### 3-3. Field Artillery (13) (Proponent: Field Artillery School)

*a. Branch description.* Encompasses positions which provides fire support to maneuver elements through the tactical and operational employment of field artillery systems. Commands, directs, and controls field artillery units at all levels. Directs technical fire control and firing operations using both manual and computer techniques. Coordinates the collective employment of joint and combined fire support assets to include non-lethal systems in support of the combined arms commander. Participates in the planning and development of doctrine, organization, training, material, leadership, and soldier initiatives to support the field artillery's role in combined arms operations.

*b. Branch qualification.* DA Pam 600-3 lists qualifications for entry and professional development in this branch.

*c. Field Artillery, General (13A).*

(1) *Description of duties.* Commands or assists the commander of field artillery units. Plan, coordinates, and directs field artillery activities within the command. Serves in positions requiring knowledge of field artillery systems, experience at various staff levels.

(2) *Special qualifications.* Must have completed the Field Artillery Officer Basic Course. Must use the basic knowledge gained in that course to conduct successful field artillery operations and as a building block for future training and experience.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* Fire Direction Officer/Counterfire Officer.

### **3-4. Air Defense Artillery (14) (Proponent: Air Defense Artillery School)**

*a. Branch description.* Responsible for the tactical employment, command and control, and the airspace management of both gun and missile units of Air Defense Artillery. Directs the technical and tactical operations, as well as the engagement techniques used by the various systems. Coordinates and provides the expertise at all levels of command and develops the doctrine and plans essential to the successful use of Air Defense Artillery weapons in support of airland combat operations and defense against enemy aircraft and missile attacks. Develops organizational and operational concepts for future Air Defense systems. Directs training, administration, communications, supply, maintenance, transportation and security activities of ADA units.

*b. Branch qualifications.* DA Pam 600-3 lists qualifications for entry and professional development in this branch.

*c. Air Defense Artillery, General (14A).*

(1) *Description of duties.* Senior ADA Commander, liaison officer or staff officer in positions which require general Air Defense knowledge/experience, but are not related to a specific Air Defense weapons system.

(2) *Special qualifications.* Qualified in one or more of the other areas of concentration within Air Defense.

(3) *Special grading of positions.*

(a) AD Coordination/Management Officer graded MAJ in command section of Aviation Brigade, Group and Regiment.

(b) Asst ADA/Airspace Officer graded CPT in ADA Element of Aviation Brigade, Group and Regiment.

(4) *Unique duty positions.* None.

*d. Short-Range Air Defense Artillery (SHORAD) (14B). (closed to women—see AR 611-1, paragraph 4-7)*

(1) *Description of duties.* Commands or assists the commander of short-range Air Defense Artillery units. Plans, coordinates and directs employment of gun systems and/or surface to air missile systems and their associated command and control system. Systems include Duster ARNG, VULCAN, CHAPARRAL, ROLAND ARNG, REDEYE and STINGER, which are employed to protect maneuver units and key installations from attack by low flying hostile aircraft. Serves as the Air Defense Staff Officer at battalion, brigade, division and higher headquarters.

(2) *Special qualifications.* Requires completion of appropriate resident training at the U.S. Army Air Defense Artillery School (USAADASCH).

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

*e. HAWK Missile Air Defense Artillery (14D).*

(1) *Description of duties.* Commands or assists the commander of a HAWK Air Defense Artillery missile unit. Plans, coordinates, and directs employment of HAWK units and their associated command and control system to counter the threat of high performance aircraft, cruise missiles and helicopters at low and medium altitudes. Serves as an Air Defense Artillery Staff Officer at Corps and Echelons Above Corps.

(2) *Special qualifications.* Requires completion of appropriate resident training at the U.S. Army Air Defense Artillery School (USAADASCH). Certain advisory positions require appropriate language qualification/training.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

*f. PATRIOT Missile Air Defense Artillery (14E).*

(1) *Description of duties.* Commands or assists the commander of a PATRIOT Air Defense Artillery missile unit. Plans, coordinates and directs employment of PATRIOT units and their associated command and control system to counter the threat of all altitude hostile high-performance all weather aircraft attempting penetration of the defended area. Serves as an Air Defense Artillery Staff Officer at Echelons Above Corps (EAC).

(2) *Special qualifications.* Requires completion of resident training at the U.S. Army Air Defense Artillery School (USAADASCH).

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

### **3-5. Aviation Branch (15) (Proponent: Aviation Center)**

*a. Branch description.* Encompasses operational flying and non-operational aviation positions (less those identified with AMEDD AOC 67J) concerned with the employment and support of Army aviation units and elements. Directs and coordinates the employment of Army aviation units in support of land combat operations. Provides the Army expertise at all levels of command to develop doctrine and plans essential to the successful employment of Army aviation systems. Directs training, safety, administration, communications, supply maintenance, transportation, and security activities of aviation units.

*b. Branch qualifications.* DA Pam 600-3 lists qualifications for entry and professional development in this branch.

*c. Aviation, General (15A).*

(1) *Description of duties.* Identifies positions requiring general aviation knowledge and experience but not related to a specific aviation AOC.

(2) *Special qualifications.* Must have completed an officer basic course and initial entry rotary wing training. Appropriate aviation training requirements will be identified by a SI.

(3) *Special grading of positions.* Only aviation LT positions will be coded 15A.

(4) *Unique duty positions.* None.

*d. Aviation Combined Arms Operations (15B).*

(1) *Description of duties.* Commands or serves in leadership positions in aviation units. Plans, coordinates, and directs employment of aviation assets as an integral member of the combined arms team. Serves in staff positions, at various levels, which require knowledge of, and training in, the doctrinal and organizational facets of aviation and the other combat arms.

(2) *Special qualifications.* Must have completed a combat arms officer advanced course. Appropriate aviation training requirements will be identified by a SI.

(3) *Special grading of positions.* For positions graded CPT and above.

(a) Company Commander positions in medium helicopter companies (CH-47) will be graded MAJ.

(b) Company and Detachment Commander positions in Special Operations Aviation (SOA) other than HHC will be graded MAJ.

(c) Platoon Leader positions in the SOA Assault Helicopter Battalion, Medium Helicopter Battalion, Aviation Battalion and Aviation Detachment, will be graded CPT.

(d) Executive officer positions in the SOA regiment will be graded LTC.

(e) Executive officer and S3 positions in the SOA assault helicopter battalion will be graded LTC.

(4) *Unique duty positions.* None.

*e. Aviation All-Source Intelligence (15C).*

(1) *Description of duties.* Commands or serves in leadership positions in special electronic/tactical intelligence aviation units. Plans, coordinates, and directs employment of special electronic/tactical intelligence aviation assets. Serves in staff positions, at various levels requiring special electronics/tactical intelligence aviation knowledge and experience.

(2) *Special qualifications.* Must have completed the Military Intelligence Officer Advanced Course with MI FA training in AOC 35D (All Course Intelligence) or 35G (Signals Intelligence/Electronic Warfare). Appropriate aviation training requirements will be identified by a SI. Individual must obtain a TOP SECRET clearance with Special Intelligence access.

(3) *Special grading of positions.* For positions graded CPT and above. Company Commander positions in aviation companies (EW) CEWI AEB and aviation companies (AS) CEWI AEB will be graded MAJ.

(4) *Unique duty positions.*

(a) S2 of Aviation Battalion/Brigade.

(b) Platoon leader/company commander MI Aerial Exploitation Battalion (AEB).

(c) Commander/staff of MI ground unit in FA 35.

f. *Aviation Logistics (15D)*.

(1) *Description of duties.* Commands or serves in leadership positions in aviation maintenance/logistics units. Plans, coordinates, and directs employment of aviation maintenance/logistics assets. Serves in staff positions, at various levels, requiring aviation maintenance/logistics knowledge and experience.

(2) *Special qualifications.* Must have completed the Aviation Officer Advanced Course or the Combined Logistics Officers Advanced Course and the Maintenance Management/Maintenance Test Pilot Course. Officers who previously completed other advanced courses and were awarded AOC 15D will remain qualified. Deviations and exceptions must be approved by the Assistant Commandant, U.S. Army Aviation Logistics School, Fort Eustis, Virginia.

(3) *Special grading of positions.* For positions graded CPT and above.

(a) Company Commander positions in aviation intermediate maintenance companies (AVIM) will be graded MAJ.

(b) Company Commander positions in SOA maintenance companies (AVUM/AVIM) will be graded MAJ.

(4) *Unique duty positions.*

(a) Avionics maintenance officer.

(b) C-E Materiel Officer in MMC or support command.

### **3-6. Special Forces (18) (Proponent: JFK Special Warfare Center and School) (Closed to women—see AR 611-1, paragraph 4-7.)**

a. *Branch description.* The Special Forces Branch ensures competent and confident leaders to exploit the Army's Airland Battle doctrine across the entire spectrum of conflict at all levels of warfare in joint and combined campaigns as part of the Army's balanced forces. Special Forces includes positions concerned with the employment of highly specialized Army units and elements to accomplish specific missions throughout the levels of warfare (Strategic, Operational and Tactical). Special Forces units are designed to operate with Airland Battle in the Deep, Close, or Rear areas of the battlefield to conduct unilateral operations or support the commander in his operational planning. Level of employment for Special Forces goes from Low to High Intensity conflict, focusing efforts to accomplish uniquely specific missions as the situation dictates in both developed and underdeveloped theatres of operation. Special Forces units are comprised of highly trained volunteers, each with extensive training in his specialty. Many Special Forces missions are highly sensit Special Forces (18A).

(1) *Description of duties.* Commands or serves on the staff of Special Forces units. Serves in positions requiring general Special Forces experience or training. Serves as a Commander, Staff Officer, Advisor, Exchange Officer, Plans and Operations Officer, and service school instructor in positions requiring Special Forces experience or training. Conducts area studies of potential operational areas, acquiring detailed knowledge of their geography, economy, political structure, armed forces, and history. Develops and maintains foreign language capability. Plans, controls and executes foreign internal defense, strike operations, strategic reconnaissance, unconventional warfare, and other related special operations. Develops interpersonal and communicative skills to facilitate interaction with foreign officers, soldiers, and civilians.

(2) *Special qualifications.*

(a) Be a CPT or 1LT promotable who has completed an officer basic and advance course.

(b) Have a Defense language Aptitude Battery (DLAB) score of 85 or above or a demonstrated language proficiency of 1/1 or above.

(c) Meet physical standards in AR 40-501.

(d) Be eligible for TOP SECRET clearance under AR 380-67.

(e) Be airborne qualified.

(f) Have no record of punishment under Article 15, UCMJ.

(3) *Special grading of positions.* For positions coded CPT and above.

(4) *Position coding.* None.

(5) *Unique duty positions.* Special Forces instructor in all service schools.

### **3-7. Corps of Engineers (21) (Proponent: Engineer School)**

a. *Branch description.* The Corps of Engineers is a Combat Arms Branch which also has combat support and combat service support roles. Missions encompass military and civil engineering and the related planning, organization, training, operation, and development. Engineer officers are responsible for training and leading troops in combat, topographic, and construction engineering operations; facilities maintenance; civil works programs; and leading Engineer troops in infantry combat operations.

b. *Branch qualifications.* DA Pam 600-3 lists qualifications for entry and professional development in this branch.

c. *Engineer General (21A).*

(1) *Description of duties.* Provides general engineer expertise to Army activities. The majority of these positions will be at DA, DoD, Joint Staff, MACOMs, or Field Activities.

(2) *Special qualifications.* Engineer officers are eligible for assignment in a 21A position upon branch qualification, which requires:

(a) Experience in an Engineer TOE unit.

(b) Completion of the Advance Course.

(c) Successful company command.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

d. *Combat Engineer (21B).*

(1) *Description of duties.* Plans, directs, and conducts engineer support of combat and peacetime operations. Support includes enhancement of friendly mobility, impeding enemy mobility (counter-mobility), providing survivability support, performing sustainment engineering missions (particularly construction), conducting topographic operations, and when necessary, fighting as infantry. Combat engineers command combat engineer, construction, and topographic units. They direct planning and implementation of engineering and topographic support at all levels of operations.

(2) *Special qualifications.* Some field grade positions in topographic assignments may require prior topographic experience and/or an advanced civilian degree in a geoscience discipline.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) Utilities Detachment Commander.

(b) Port Construction Unit Commander.

(c) Diving Detachment Commander.

(d) Unified and Special Command Mapping, Charting, and Geodesy Staff Officer.

(e) Staff Office, Defense Mapping Agency.

e. *Facilities/Contract Construction Management Engineer (FCCME) (21D).*

(1) *Description of duties.* Plans and programs construction and maintenance of facilities for Army and Air Force installations world wide. Provides Facilities Engineering and Family Housing support for the Army in garrison and in the theater of operations. Supports the nation through execution of the Civil Works Program, military construction, and nation building projects. Enhances national preparedness plans. Conducts research and development at engineer laboratories and in engineer functional areas.

(2) *Special qualifications.* Requires completion of a bachelor's or graduate-level degree in an engineering field, or engineering management.

(3) *Special grading of positions.* Director of Engineering and Housing (DEH) positions are graded based primarily on three factors: total population served, total operating budget, and total construction planned. DEH may be in the grade of MAJ, LTC, or COL. Positions over the grade of MAJ require concurrence from the Office of the Chief of Engineers, ATTN: DAEN-ZC.

(4) *Unique duty positions.*

(a) Director of Engineering and Housing (COL, LTC, MAJ).

(b) Engineer District Commander (COL, LTC).

(c) Commander, Dredge Team, Command, Control and Planning (MAJ).

### 3-8. Signal Corps (25) (Proponent: Signal Center and School)

*a. Branch description.* Manages Department of the Army and designated Department of Defense Signal assets, which include all aspects of automation and communications-electronics related to the planning, design, engineering, operations, logistical support and evaluation of systems and networks. Directs and manages the installation, operation, networking and maintenance of signal equipment. Advises commanders, directors, and staffs on command and control signal requirements, capabilities, and operations to include computers. Develops requirements for the design and implementation of data communications systems and networks. Establishes, prepares, coordinates and directs programs, projects and activities engaged in unit level supply, maintenance, and life-cycle management of signal materiel. Directs and controls units and activities involved with the application of electrical, electronics, and systems engineering and management principles, in the design, test acceptance, installation, operation, and maintenance of Signal systems, equipment, networks, and facilities.

*b. Branch qualification.* DA Pam 600-3 lists qualifications for entry and professional development in this branch.

*c. Signal, General (25A).*

(1) *Description of duties.* Provides general Signal Corps expertise to Army activities. Identifies positions only that require general experience and training not related to a specific Signal Area of Concentration.

(2) *Special qualifications.* None.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

*d. Communications-Electronics (C-E) Automation (25B).*

(1) *Description of duties.* Manages or supervises a specific automated system or node in a data or communications network supporting tactical, theater, strategic or base operations. Provides detailed technical direction and advice to commanders, staffs and other Command, Control, and Communications (C3) users at all echelons on the installation, operation and maintenance of distributed operating and data base systems, teleprocessing systems, and data communications supporting Battlefield Automated Systems (BAS). Requires the practical application of automation theory to the design, implementation and successful interoperation of hardware and software for automated telecommunications and teleprocessing systems.

(2) *Special qualifications.*

(a) Officers assigned to these positions must possess skills normally obtained in a Bachelor of Science degree program in computer science, computer engineering, engineering or a related discipline; must have 3 years experience in C-E operations; and must be a graduate of the Teleprocessing Operations Officer Course.

(b) Certain positions require Signal related skills acquired through training or substitutable experience in Joint Command, Control and Communications (ASI 3K); and Electronic Warfare (SI 5M).

(3) *Special grading of positions.* For positions coded CPT and above.

(4) *Unique duty positions.*

(a) Teleprocessing Operations Staff Officer in Signal Units, MACOM HQ, HQDA, and DoD level.

(b) Telephone Digital Communications Officer.

(c) Division/Corps Automation Management Officer (TOE).

(d) Combat Developments Staff Officer for teleprocessing and data communications systems.

(e) Telephone staff officer in Division C-E Shop or Operations & Intelligence Section.

(f) C-E staff officer in ADA, DIVARTY, and CEWI units.

(g) Signal Automation Officer in TDA activity.

*e. Communications-Electronics (C-E) Operations (25C).*

(1) *Description of duties.* Commands Signal units engaged in the

installation, operation and maintenance of automation and communications systems supporting tactical, theater, strategic and base operations. Plans, coordinates and supervises the training, administration, operation, supply, maintenance, transportation, security activities, and allocation of resources of Signal units and facilities. Advises commanders, staffs and other Command, Control and Communications (C3) users on the capabilities, limitations, and employment of all tactical and non-tactical Signal assets available to the command.

(2) *Special qualifications.* Certain positions require Signal related skills acquired through training or substitutable experience in Joint Command, Control and Communications (SI 3K); Electronic Warfare (SI 5M); or Battalion/Brigade Communications-Electronics Staff Officer (SI 6B).

(3) *Special grading of positions.*

(a) All Signal Corps LT positions.

(b) Commanders of selected Echelons Above Corps (EAC) separate companies may be graded for MAJ based on written approval from HQDA.

(c) C-E officer in Special Operations Aviation (SOA) Assault Helicopter Battalion graded MAJ.

(4) *Unique duty positions.*

(a) Communications-Electronics Staff Officer (CESO) in non-Signal battalions and brigades or equivalent size units (SI 6B).

(b) Radio Officer.

(c) Wire Officer.

(d) Signal Plans Officer.

(e) C-E Staff Officer in Signal units, MACOM HQ, HQDA, and DoD.

(f) S4 in Signal Battalion.

(g) Maintenance Officer in Signal Battalion (will be graded 1LT).

(h) S4 in Signal Brigade.

(i) Materiel manager in Corps C-E section.

(j) TRADOC system manager.

(k) Combat developer in unit level Signal logistics.

(l) PM Program Director.

(m) Product Manager.

*f. Communications-Electronics (C-E) Engineering (25D).*

(1) *Description of duties.* Plans, directs and supervises the design, development, installation, modification, test and acceptance of automation and communications-electronics equipment. Involves the design and development of equipment performance standards, test and evaluation of hardware and software for both developmental and non-developmental items, and the installation and quality assurance of installed fixed station systems. Requires the direct application of electrical, electronic and automation theory and principles to the design, test and acceptance and installation of hardware and software for Signal and Battlefield Automated Systems (BAS).

(2) *Special qualifications.*

(a) Officers assigned to these positions must possess skills normally obtained in a Bachelor of Science Degree Program in electrical or electronics engineering; must have 3 years experience in C-E operations; and must be a graduate of the C-E Engineering Officers Course.

(b) Certain positions require signal or research and development related skills acquired through training or substitutable experience in Space Activities (SI 3Y) or Materiel Acquisition Management (SI 6T).

(3) *Special grading of positions.* For positions coded CPT and above.

(4) *Unique duty positions.*

(a) Communications-Electronics Engineer in research and development activities, MACOM HQ, HQDA, and DoD level.

(b) Chief, Quality Assurance and Technical Evaluation Team.

(c) Test and Evaluation Officer.

(d) Signal Engineering Officer in TDA activity.

*g. Information Systems and Networking (25E).*

(1) *Description of duties.* Plans and manages the integration and interconnecting of diverse types of automation and communications systems into interoperable local area and long haul information networks supporting tactical, theater, strategic and base operations. Determines the overall network architecture to support battlefield

user requirements, exercises network control, and conducts recurring network analysis. Develops network performance standards and interconnectivity requirements for adjacent, higher and lower units, as well as for allied nations, other government agencies and commercial services interfacing. Requires the practical application of systems engineering principles to plan, design, and install tactical and non-tactical information networks using existing and future military and commercial off-the-shelf automation and communications systems.

(2) *Special qualifications.*

(a) Officers assigned to these positions must have 3 years experience in C-E operations, and must be a graduate of the Telecommunications Systems Staff Officer Course or have obtained equivalent skills through comparable training and experience. A Bachelor of Science degree in math, physics, computer science, engineering or related discipline is desirable but not requisite.

(b) Certain positions require signal related skills obtained through training or substitutable experience in Joint Command, Control, Communications (SI 3K); Space Activities (SI 3Y); or Electronic Warfare (SI 5M).

(3) *Special grading of positions.* For positions coded CPT and above.

(4) *Unique duty positions.*

(a) S-3/Operations Officer, Signal Battalion/Brigade.

(b) Assistant Division/Corps C-E Officer.

(c) C-E Systems Engineer/Officer.

(d) C-E Networking Officer.

(e) Director/Chief, C-E Systems Planning Activity at MACOM HQ, HQDA, and DOD level.

(f) Signal Operations Officer in TDA activity.

### 3-9. Military Police (31) (Proponent: Military Police School)

*a. Branch description.* Commands, directs, and controls military police and criminal investigation units in both the tactical and peacetime environment. Supports the tactical commander as the primary combat force to detect level two threats in the conduct of the rear battle. Provides battlefield nuclear weapon security, tactical security, circulation control, and the detaining and or evacuation of enemy prisoners of war and civilian internees. Supports the commander in anti/countering terrorism; the enforcement of military laws and regulations; keeping of order; prevention and investigation of crime, apprehension and disposition of military offenders; traffic and movement control; physical security of critical equipment, facilities, lines of communication, and the safety of Government officials. Directs or supervises administration of custody, control, care and rehabilitation of military prisoners. Plans, coordinates and directs criminal investigations, crime surveys, protective service missions, polygraph support and criminal investigation activities. Prepares plans, policies and regulations pertaining to organization, training, operations, and equipment of military police units and personnel for both tactical and law enforcement operations. Directs training, administration, supply, maintenance, transportation, and security activities of a military police unit.

*b. Branch qualification.* DA Pam 600-3 lists qualifications for entry and professional development in this branch.

*c. Military Police (31A).*

(1) *Description of duties.* Commands or assists commander of a military police, physical security, correctional, or criminal investigation unit or activity. In command and staff role, plans, coordinates, and directs military police or physical security activities within a command or activity; directs or supervises the administration and operation of confinement and correctional facilities and hospital prisoner wards within a command; or supervises and administers the development and operation of an ongoing criminal investigation program.

(2) *Special qualifications.* Officers assigned to positions in the U.S. Army Criminal Investigation Command must be accepted by the Commander, USACIDC, per AR 195-3, and fulfill one of the following:

(a) Have been previously accredited as a commissioned officer, warrant officer, or noncommissioned officer Special Agent or Criminal Investigator.

(b) Have satisfactorily performed in a USACIDC duty position for at least 15 months.

(c) Have completed all training requirements as specified by the Commander, USACIDC.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) Provost Marshal (CPT-COL) (Installation, Activity or Tactical organization).

(b) Security Officer (CPT-COL) (Installation, Activity).

(c) Correctional Officer (CPT-MAJ) (Regional Correctional Facility).

(d) Commandant, U.S. Disciplinary Barracks (COL).

(e) Director of Classification (LTC) (USDB).

(f) Director of Custody (LTC) (USDB).

(g) Commander, CID District/CSE/TSE (LTC).

(h) CID Group Commander (COL).

(i) CID Staff Officer (CPT-COL) (CID District/CSE/TSE, Group or USACIDC Headquarters).

### 3-10. Military Intelligence (35) (Proponent: Chief of Military Intelligence)

*a. Branch description.* Provides the commander with all-source intelligence assessments and estimates at the tactical, operational, and strategic levels dealing with enemy capabilities, intentions, vulnerabilities, effects of terrain and weather on operations, and predicts enemy courses of action. Directs tasking of intelligence collection assets; produces threat estimates to support doctrine, training; and combat developments; ensures proper dissemination of intelligence information and products; manages interrogation operations of enemy prisoners of war and line crossers; interprets imagery from overhead and other systems; directs counterintelligence and operational security operations; performs clandestine human intelligence operations and manages signals intelligence operations including jamming and participating in performing deception operations. Manages these tasks at all echelons.

*b. Branch qualifications.* A favorable special background investigation (SBI) with eligibility for access to sensitive compartmented information (SCI) is a requirement for commissioning in MI Branch. Additional branch appointment and assignment criteria are outlined in AR 614-100. DA Pam 600-3 includes qualifications for professional development in this branch. Must be a U.S. citizen.

*c. Authorized exceptions.* AOC 35D and 35G are designated as a Functional Area (FA) only for use with AOC 15C, Aviation Tactical Intelligence.

*d. Strategic Intelligence (35B).*

(1) *Description of duties.* Coordinates, supervises, and participates in all-source current intelligence indications and warnings, threat analysis, and general intelligence activities focusing on the intentions, geography, and military capabilities of foreign nations, with primary focus on the ground forces. Develops collection and production requirements, and the acquisition of information and intelligence including targeting of strategic collection resources. Evaluates, interprets, analyzes, and produces general intelligence products in support of Department of Defense requirements.

(2) *Special qualifications.* Must have completed the Military Intelligence Officer Advanced Course (MIOAC) at the U.S. Army Intelligence Center, Fort Huachuca, AZ and the Post Graduate Intelligence Program (PGIP) at the Defense Intelligence College.

(3) *Special grading of positions.* For positions coded CPT and above.

(4) *Unique duty positions.*

*e. Imagery Intelligence (IMINT) (35C).*

(1) *Description of duties.* Exploits and supervises the exploitation of radar and optically recorded images. Plans and coordinates strategic surveillance and reconnaissance requirements; exploits IMINT sensor data and prepares user intelligence reports. Assists with the counter-IMINT effort by advising the OPSEC element on the friendly vulnerabilities to enemy IMINT collection assets.

(2) *Special qualifications.* Must have completed the Military Intelligence Officer Advanced Course at the U.S. Army Intelligence Center, Fort Huachuca, AZ and the Defense Sensor Interpretation and Application Training Program (DSIARP) at Goodfellow AFB, TX. Pass visual stereoscopic vision, and standard color-blind examination prior to selection for training. Those officers who have AOC 35C will retain that AOC on their records.

(3) *Special grading of positions.* For positions coded CPT and above.

(4) *Unique duty positions.* Imagery Analyst.

f. *All Source Intelligence (35D).*

(1) *Description of duties.* Directs, supervises, and coordinates the planning, collection, evaluation, fusion, analysis, production, and dissemination of all-source intelligence and counter intelligence at all echelons. Performs multidisciplinary collection management and coordination of surveillance activities, and advises on the use and employment of intelligence resources at all echelons. Supervises and performs intelligence preparation of the battle field; employs automated intelligence data processing systems; develops and supervises intelligence training. Advises the commander and subordinate units on enemy situations, capabilities, vulnerabilities, and weather and terrain. All lieutenant graduates of the Military Intelligence Officer Basic Course (MIOBC) or the Military Intelligence Officer Transition Course (MIOTC) at the U.S. Army Intelligence Center, Fort Huachuca, AZ are awarded AOC 35D.

(2) *Special qualifications.*

(a) A LT must successfully complete the MIOBC to be qualified in AOC 35D.

(b) Detail officers must successfully complete the MIOTC to be qualified in AOC 35D.

(c) A CPT must have successfully completed the MIOBC or MIOTC and the MIOAC to be qualified in AOC 35D.

(3) *Special grading of positions.*

(a) All Military Intelligence LT positions are coded with AOC 35D.

(b) S2 of the Special Operations Aviation (SOA) Assault Helicopter Battalion will be graded MAJ.

(4) *Unique duty positions.*

(a) Chief, Collection Management and Dissemination (CM&D).

(b) EW/IEW Staff Officer, Division, Corps, Army and Joint Task Force.

(c) Chief, All Source Production Section.

(d) Plans Officer, INSCOM.

(e) Section Chief, INSCOM.

(f) Mission Management Officer, Strategic MI Brigade.

(g) Intelligence Officer, Army Staff.

(h) Executive Assistant, Defense Intelligence Agency.

(i) Staff Analyst, Office of the Secretary of Defense.

(j) Special Planner, Office of the Joint Chief of Staff.

(k) Watch Officer, Joint Task Force.

(l) Country Analyst, Joint Command.

(m) Instructor, TRADOC.

(n) S2 in the SOA Regiment, Assault Helicopter Battalion, Medium Helicopter Battalion and Aviation Battalion.

(5) *Authorized exceptions.* AOC 35D is available for designation as a FA for use only with AOC 15C, Aviation All-Source Intelligence.

g. *Counter Intelligence (CI) (35E).*

(1) *Description of duties.* Manages, directs, coordinates, and participates in CI activities and investigations of individuals, groups, and incidents to detect, identify and neutralize espionage, subversion, sabotage, treason, sedition, terrorism directed against the U.S. Army, as well as determining suitability for access to classified information. Manages integrated programs of security, counter-drug and treaty support and technical CI services for Army commands, installations, units and activities. Determine foreign intelligence services (FIS) collection capabilities, methods of operations, vulnerabilities, and missions. Based on FIS activities, develops multidisciplinary CI estimates which assist in combating foreign

intelligence threats to U.S. forces, installations and programs; identifies friendly vulnerabilities to FIS activities; recommends appropriate force protection countermeasures.

(2) *Special qualifications.* Must have completed the Military Intelligence Officer Advanced Course and AOC 35E assignment specific training at the U.S. Army Intelligence Center, Fort Huachuca, AZ. Must meet selection criteria.

(3) *Special grading of positions.* For positions coded CPT and above.

(4) *Unique duty positions.*

(a) Commander, CI Detachment.

(b) Operations Officer, CI Detachment.

(c) CI Officer, OPSEC Support Detachment.

(d) CI Agent.

(e) CI Support Officer.

(f) CI Liaison Officer.

h. *Human Intelligence (HUMINT) (35F).*

(1) *Description of duties.* Directs, coordinates, and participates in collection operations to obtain Military Intelligence information in support of Army and DOD requirements. May perform designated offensive CI operations.

(2) *Special qualifications.* Must have had 4 years of military service prior to entering and completing the Defense Intelligence Agency (DIA) Military Operations Training Course.

(3) *Special grading of positions.* For positions coded CPT and above.

(4) *Unique duty positions.*

(a) Area Intelligence Officer.

(b) Strategic Debriefing and Interrogator when SI 3Q is coded.

i. *Signals Intelligence/Electronic Warfare (SIGINT/EW) (35G).*

(1) *Description of duties.* Plans and supervises the collection, production, and dissemination of tactical, operational and strategic SIGINT and EW operations in support of the Army in the field. Plans, directs, programs, supervises, and exercises technical supervision of tactical, operational and strategic SIGINT operations.

(2) *Special qualifications.* Must have completed the MIOAC and AOC 35G assignment specific training at the U.S. Army Intelligence Center, Fort Huachuca, AZ or CK 255 (Cryptologic Skills for Junior Officers) at the National Cryptologic School, Fort Meade, MD.

(3) *Special grading of positions.* For positions coded CPT and above.

(4) *Unique duty positions.*

(a) Commander and S3, U.S. Army Field Stations.

(b) Chief, TCAE at division and Corps.

(c) SIGINT/EW Officer at Corps TCAE.

(d) Operations Resource Management Authority (ORMA) Office, U.S. Army Field Station.

(5) *Authorized exceptions.* AOC 35G is available for designation as an FA for use only with AOC 15C, Aviation Tactical Intelligence.

### **3-11. Civil Affairs (RC) (38) (Proponent: JFK Special Warfare Center and School)**

a. *Branch description.* Encompasses positions which require officers possessing specialized skills relating to the conduct and analysis of civil affairs operations and critical skills associated with politico-military awareness, and foreign language and cultural expertise which support national policies or implement national objectives across the conflict spectrum. A Civil Affairs Officer develops, plans, coordinates, commands, controls and evaluates strategic and tactical civil affairs operations policies, doctrine and activities for Army, Joint, and Combined civil affairs programs. Civil Affairs Officers direct and participate in the conduct of civil affairs command support, foreign-internal defense, unconventional warfare, civil administration, and numerous other missions, both overt and covert, in peacetime or when activated for crisis or war.

b. *Qualification.* DA Pam 600-3 lists qualifications for entry and promotion in this branch.

c. *Civil Affairs, General (38A).*

(1) *Description of duties.* Commands or serves on the staff of

USAR civil affairs units. Identifies positions requiring general civil affairs experience.

(2) *Special qualifications.* Expertise in at least one civil affairs functional specialty from specific education or experience is required. Some positions require specific training in certain special operational techniques as additional tracks to the Civil Affairs Officers Course or the Civil Affairs Officers Advanced Course.

(3) *Special grading of positions.*

(a) Due to the amount of entry-level training and experience required for this AOC many company/detachment level positions are graded for MAJ.

(b) Civil Affairs companies and detachments are commanded by MAJs. This is necessitated due to the often sensitive nature of CA missions. Civil Affairs company and detachment commanders actually direct CA missions when deployed. They interface directly with high ranking U.S. and foreign nationals and are required to act independently without immediate supervision.

(4) *Unique duty positions.*

(a) Brigade/Regiment/Battalion S5.

(b) Director of Civil-Military Operations.

(c) Strategic Civil Affairs Specialist.

(d) Government Functions Officer.

(e) Economic Functions Officer.

(f) Public Facilities Officer.

(g) Special Civil Functions Officer.

### **3-12. Adjutant General Corps (42) (Proponent: Adjutant General School)**

a. *Branch description.* Plans, develops and operates the Army's personnel, administrative, and community activities support systems to build and sustain combat readiness. Commands personnel and administrative units and serves as staff advisor in the design and operation of P&A systems. Formulates doctrine and policy for and manages P&A systems for organizations and headquarters at all levels. Plans and develops refinements needed to assure that these systems meet present and future Army requirements, during both war and peace. Responsible for training programs in training centers, schools, and units for these systems.

(1) Plans, develops, and directs personnel systems which support components of the personnel life cycle including strength and personnel accounting, replacement operations, casualty reporting, awards, promotions and reductions, classifications and reclassification, assignment, personnel evaluations, maintenance of personnel records, reenlistment, eliminations and separations.

(2) Develops doctrine, policy and procedures for the management and employment of Army bands.

(3) Plans, develops, and implements procedures and systems to provide community support services to soldiers, family members and civilian employees. Plans and directs community activities and services to include youth activities programs, child development services, arts and crafts, athletic and sports training, non-appropriated funds, Army Emergency Relief and club management.

(4) Plans, develops, and directs administrative management activities and services, to include distributions, publications correspondence, document reproduction, classified document control, records and files management, and application of sophisticated administrative techniques such as word processing and micrographics. Trains military and civilian personnel in administration and personnel services support and develops doctrine for these operations for field and combat applications. Formulates policies for and directs the activities of units engaged in postal operations.

b. *Branch qualifications.* DA Pam 600-3 lists qualification for entry and professional development in the branch.

c. *Adjutant General, General (42A).*

(1) *Description of duties.* This is an entry AOC that will be awarded to officers upon completion of the Adjutant General Officer Basic Course (AGOBC). AOC 42A will not be used for coding of positions.

(2) *Special qualifications.* Must have completed AGOBC.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

d. *Personnel Systems Management (42B).*

(1) *Description of duties.* Plans, develops, and directs personnel systems which support and implement programs concerning the personnel life cycle. Included are strength accounting, maintenance of personnel records, personnel requisitioning, reassignments, reenlistments, promotions, casualty reporting, eliminations, and awards and decorations. Manages the activities of personnel operational elements providing specific support to organizations, headquarters, and individuals. Operates personnel and administrative (P&A) sub-systems which support personnel programs and activities. Commands or assists the commander in commanding P&A units. Integrates all aspects of personnel systems within an organization or headquarters and controls the interaction of the various subparts of each.

(2) *Special qualifications.* Headquarters, Personnel Service Bn will be graded as follows:

(a) Assigned three or more Personnel Detachments or Division equivalent is graded LTC.

(b) Assigned two or fewer Personnel Detachments is graded MAJ.

(3) *Special grading of positions.* Movements Branch, HHD, Repl Bn (CONUS) will be graded CPT.

(4) *Unique duty positions.*

(a) Personnel and Administration Battalion Commander, Replacement Battalion Commander and Reception Station Commander.

(b) Deputy G1/AG.

(c) Adjutant General or Deputy Adjutant General.

(d) Personnel Services Battalion Commander.

(e) Military Entrance Processing Station Commander.

(f) Chief, Personnel Service Center.

(g) Personnel Actions Officer.

(h) Personnel Management Officer.

(i) Chief, Transition Center.

e. *Army Bands (42C). (Proponent: Chief, Army Bands)*

(1) *Description of duties.* Plans, develops, and directs activities of military bands and musical training of Army band members. Coordinates all band activities of the command. Conducts technical inspections and evaluates operational status, technical capability, and proficiency of command bands.

(2) *Special qualifications.* Baccalaureate or advanced degree in band music or in a music education field or equivalent training or experience. Must have thorough knowledge of organizations, missions, functions, and operations of Army bands.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) Band Commander.

(b) Commander, School of Music.

(c) Staff Band Officer.

(d) Unit Band Officer.

(e) Instructor, School of Music.

f. *Administrative System Management (42E).*

(1) *Description of duties.* Plans, develops, and directs administrative activities and services to include publication, document reproduction, classified document control, courier services, records and files administration, postal, and the employment of sophisticated administrative techniques such as word processing and micrographics. Trains military and civilian personnel in organizational administration and develops doctrine for these operations for field and combat use.

(2) *Special qualifications.* Courier positions in the AOC require TOP SECRET security clearance.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) Postal Unit Commander (with skill 4J).

(b) Administrative Services Officer.

(c) Administrative Officer.

(d) Postal Officer (with skill 4J).

### **3-13. Finance Corps (44) (Proponent: Finance School)**

*a. Branch description.* Develops policies, coordinates, and performs all Army Finance and Accounting functions for organizations and headquarters at all levels. Examines, controls, and certifies military and civilian payrolls, travel, commercial accounts, nonappropriated fund, and other vouchers and claims. Directs disbursement, receipt, and deposit of public funds as an agent of the U.S. Treasury Department. Prepares, consolidates, and analyzes financial data and management information systems reports at all command levels in support of the Planning, Programming, Budgeting and Execution System (PPBES) process. Advises on non-appropriated fund matters. Provides administrative services in support of payment of legal obligations of the Army or collection of monies due the United States. Interprets financial laws and Comptroller General decisions. Plans, develops, and implements changes to finance and accounting systems which support the overall Army mission and takes advantage of advances in productivity and efficiency. Trains military and civilian personnel in all areas of financial management. Develops finance doctrine in support of wartime missions. Commands various sized finance units.

*b. Branch qualifications.* DA Pam 600-3 lists qualifications for entry and professional development in this branch.

#### *c. Finance, General (44A).*

(1) *Description of duties.* Directs and coordinates finance and accounting functions and serves as the advisor to the Commander on all financial matters and matters pertaining to Finance Corps personnel and units. Establishes, controls, and audits all finance and accounting systems. Prepares and distributes reports and financial statements to provide the commander and staff with adequate information for management, status of funds, and budget purposes.

#### (2) *Special qualifications.*

(a) Must have completed the Finance Officer Basic Course for an assignment as a Disbursing Officer.

(b) Must have completed the Military Accounting Course for an assignment as an Accounting Officer.

(c) Must have completed the Finance Officer Advanced Course for an assignment as a Finance and Accounting Officer or Commander, Finance Support Unit.

#### (3) *Special grading of positions.*

(a) Commander position of a Finance Support Command assigned three to six Finance Detachments is graded LTC.

(b) Commander position of a Finance Support Command assigned two or less Finance Detachments is graded MAJ.

#### (4) *Unique duty positions.*

(a) Accounting Officer

(b) Disbursing Officer

(c) Finance and Accounting Officer (integrated office)

(d) Commander, Finance Support Unit, Finance Group, or Theater Finance Command.

### **3-14. Judge Advocate General's Corps (55) (Proponent: Judge Advocate General)**

*a. Branch description.* Manages delivery of total legal services to the Department of the Army and its members. Responsible for managing and assigning branch officers. Supervise training of personnel in legal functions. Develop and execute plans and programs in the fields of: criminal law and related military justice; administrative law; military personnel law; international, comparative and foreign law; claims; business, commercial and financial law; control, tax and property law; contract appeals, Litigation; environmental law; regulatory law; intellectual property law; intelligence activities law; legal relating to military installations; labor and civilian personnel law; law assistance and preventive law; legislative relief; professional legal training; medical jurisprudence.

*b. Branch qualification.* DA Pam 600-3 lists qualifications for entry and professional development in this branch.

#### *c. Judge Advocate, General (55A).*

(1) *Description of duties.* Furnishes legal advice and services to the Active Army and the U.S. Army Reserves in civil and criminal

legal practice, including the fields of Business, Property, Administration, and Financial Operations under the jurisdiction of DA. Provides defense counsel services for Army personnel whenever required by law or regulation and authorized by The Judge Advocate General (TJAG) or TJAG's designee. These services include representation at trials by courts-martial, administrative boards, and other criminal and adverse administrative actions. Performs other defense-related duties as prescribed by Chief, U.S. Army Trial Defense Service.

(2) *Special qualifications.* Be a member of The Judge Advocate General's Corps. Must be a graduate of a law school acceptable to the Department of the Army and be a member of the bar of a Federal court or of the highest court in any State.

#### (3) *Special grading of positions.*

(a) Judge Advocate positions that provide advice to General Court-Martial Convening Authorities will be in the grade of LTC or higher.

(b) Judge Advocate positions that provide advice to Special Court-Martial Convening Authorities will be in the grade of MAJ or higher.

(c) The positions for Senior Regional Defense Counsel-Europe and Regional Defense Counsel will be in the grade of LTC or higher.

(d) Judge Advocate position in PSYOP EPW/CI Bn, will be in the grade of CPT.

#### (4) *Unique duty positions.*

(a) Staff Judge Advocate

(b) Command Judge Advocate

(c) Legal advisor.

(d) Claims Judge Advocate

(e) Trial Counsel

(f) Labor Counsel

(g) Legal Assistance Officer

(h) Chief, Criminal Law; Claims; Legal Assistance; Administrative/Contract Law; International/Operations Law; Operations, Plans, and Training.

(i) Defense Counsel

(j) Senior Defense Counsel

(k) Regional Defense Counsel

(l) Chief Defense Counsel

*d. Military Judge (55B).*

(1) *Description of duties.* Presides as judge in trials of cases before general and special court-martial and other military tribunals or sits as an appellate judge of the U.S. Army Court of Military Review for the review of such cases, and is responsible for fair and orderly conduct of the proceedings according to the law.

(2) *Special qualifications.* Be a member of The Judge Advocate General's Corps and have successfully completed the Military Judge Course at The Judge Advocate General's School or its equivalent; have extensive experience in the trial of criminal cases and administration of military justice.

#### (3) *Special grading of positions.*

(a) Positions requiring an appellate judge will be in the grade of COL or higher.

(b) Positions requiring a general court-martial trial judge will be in the grade of LTC or higher.

(c) Position requiring a special court-martial trial judge will be in the grade of MAJ or higher.

#### (4) *Unique duty positions.*

(a) Chief Military Judge.

(b) Chief Circuit Judge.

(c) Senior Military Judge.

(d) Military Judge.

### **3-15. Chaplain (56) (Proponent: Chief of Chaplains)**

*a. Branch description.* Acts as staff officer for all matters in which religion impacts on command programs, personnel, policies and procedures. Coordinates/directs a complete program of religious ministries, including workshops, pastoral counseling, religious education, and other activities for active and retired military personnel and their family members. Duties are those which normally pertain

to the duties of a clergy person as they may be prescribed by law and modified by the organizational mission and environment. Provides leadership for moral, ethical and human self-development programs.

*b. Branch qualifications.* DA Pam 600-3 lists qualifications for entry and professional development in this branch.

*c. Command and Unit Chaplain (56A).*

(1) *Description of duties.* Performs duties as outlined above as staff, deputy staff, or assistant chaplain at all levels of command. Provides religious coverage for parent organization, as well as other organizations and units. Supervises other chaplains and staff in providing a broad religious program designed to meet the needs of the organization and military community.

(2) *Special qualifications.* Must have satisfactorily completed college and theological, or equivalent, graduate training.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) Staff Chaplain.

(b) Confinement Facility Chaplain.

(c) Community Parish Pastor.

(d) Interreligious Relations Chaplain.

(e) Chaplain Resources Manager.

*d. Clinical Pastoral Educator (56D).*

(1) *Description of duties.* Directs Clinical Pastoral Education (CPE) and other chaplain professional training programs. Screens students for selection. Develops curriculum, trains students, and consults with student's commanders and chaplain supervisors on plans for professional development. Conducts interdisciplinary training with other military and civilian agencies. Advises installation chaplain and training steering committees on professional accreditation requirements. Represents installation at regional and national professional training conferences.

(2) *Special qualifications.* Must have a minimum of 1 year of post graduate training in pastoral education, and be certified as a supervisor of Clinical Pastoral Education or a comparable professional organization. Application must be made through the supervisory chaplain.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) Clinical Pastoral Educator.

(b) Professional Training Chaplain.

(c) Supervisor, Clinical Pastoral Education.

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**Table 3-1**  
**Medical Functional Areas/Area of Concentration**

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**Code:** 70A

**Title:** Health Care Administration

**Proponent:** OTSG

**a. Description of positions:** Positions requiring this AOC include the following: Deputy Commander for Administration, MEDDAC/MEDCEN; DENTAC Executive Officer; Chief, Clinical Support Division; Chief, Admin Support Branch; Chief, Ambulatory Care Support Branch; Health Care Admin Officer; Health Care Operations Research Analyst.

**b. Description of duties:** Plans, directs, and coordinates administrative activities in a variety of medical treatment settings. Reviews organization activities and recommends changes in, or better utilization of facilities, services, and staff. Advises the commander on matters pertaining to health care delivery. Is the principal adviser to the commander on matters pertaining to the standards prescribed by the Joint Commission for Accreditation of Health Care Organizations. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** Must be a graduate of the AMEDD Officer Basic and Advanced Course, CAS3, and have a minimum of three years experience in a fixed military medical/dental facility or field medical activity. Qualifying degrees include: Masters of Health Care Administration or a Health Services Administration related master's/PhD degree from a program approved by the Accrediting Commission on Education for Health Service Administration (ACEHA). Officers who possess other master's/PhD degrees in administration, that is, MA, PMA, MS, or MBA, may request evaluation of their administrative masters degrees for validation for award of this AOC. Officers with these

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**Table 3-1**  
**Medical Functional Areas/Area of Concentration—Continued**

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degrees for validation for award of this AOC. Officers with these degrees may be required to complete selected courses to ensure a common educational base in health care administration. Requests will be forwarded to the Chief, MSC Branch, Health Services Division, PERSCOM.

**d. Restrictions:** For use by AMEDD Officers in AOC 67A.

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**Code:** 70B

**Title:** Health Services Administration

**Proponent:** OTSG

**a. Description of positions:** Positions requiring this AOC include the following: Commander, Medical/Dental Company/Detachment; Executive Officer, Medical/Dental Company or Detachment; Hospital Administrative Assistant; Medical Platoon Leader, Field Medical Assistant; most company grade positions in AOC 67A.

**b. Description of duties:** At the operational level, this officer plans, coordinates, monitors, evaluates, and advises unit commanders and staff in both medical and non-medical areas of patient evacuation and treatment, organizational administration, supply, training, operations, intelligence, transportation, and maintenance. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS. This is an entry level medical functional area for AOC 67A.

**c. Qualifications:** Must have successfully completed the AMEDD Officer Basic Course.

**d. Restrictions:** For use by AMEDD Company Grade Officers within AOC 67A.

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**Code:** 70C

**Title:** Health Services Comptroller

**Proponent:** OTSG

**a. Description of positions:** Positions requiring this AOC include the following: Comptroller, Health Services Staff or Medical Treatment Facility; Chief, Resource Management Division; Health Services Program/Budget Officer; Health Services Management Analyst; Assistant Chief of Staff (ACS), Resource Management; Manpower Control Officer; Personnel Survey Officer; and Health Services Comptroller Operations Research Analyst.

**b. Description of duties:** Directs and coordinates finance and accounting functions and serves as the adviser to the commander on all financial matters. Develops policies, coordinates, and performs all finance and accounting functions for AMEDD organizations and headquarters at all levels. Examines, manages, and certifies military and civilian payrolls, travel, commercial accounts, and other vouchers and claims. Directs disbursement and receipt of AMEDD funds. Prepares, consolidates, and analyzes financial data and management information systems reports at all command levels in support of the Planning, Programming, Budgeting and Execution System (PPBES) process. Provides administrative assistance in support of payment of legal obligations of the Army or collection of monies due the United States. Interprets financial laws and Comptroller General decisions. Plans, develops and implements changes to finance and accounting systems which support the overall Army mission and takes advantage of advances in productivity and efficiency. Trains military and civilian personnel in all areas of AMEDD financial management. Prepares and distributes reports and financial statements to provide the commander and staff with adequate information for management, status of funds, and budget purposes. Implements plans and policies of the medical commander or staff surgeon in matters concerning effective and economical utilization of manpower resources. Duties are performed in TOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** Must have successfully completed the AMEDD Officer Basic and Advanced Course; CAS3; Planning, Programming, Budgeting and Execution System (PPBES) course; and the Manpower and Force Management Course. To hold positions in this AOC at the LTC and COL levels, should possess a master's/PhD degree in Business Administration or a related field, Health Services Administration, Health Care Administration, or Public Administration from an accredited program acceptable to The Surgeon General. Officers who possess a master's/PhD degree in other administration areas from an accredited program may request evaluation of their degree. These officers may be required to complete selected courses to ensure a common educational base for Health Care Comptrollership. Requests will be forwarded to the Chief, MSC Branch, Health Services Division, PERSCOM.

**Table 3-1**  
**Medical Functional Areas/Area of Concentration—Continued**

**d. Restrictions:** For use by AMEDD Officers in AOC 67A.

**Code:** 70D

**Title:** Health Services Systems Management

**Proponent:** OTSG

**a. Description of positions:** Positions requiring this AOC include the following: Health Services Systems Management Officer, Health Services Systems Analyst, Clinical Systems Management Officer, Health Services Instrumentation Officer, and Health Services Systems Operations Research Analyst.

**b. Description of duties:** Advises and assists the medical commander or staff surgeon in this area of health services systems data processing operations research, and/or biomedical engineering. Formulates policies and plans for the development, implementation, operation and evaluation of clinically oriented/patient oriented data systems and medical information support systems. Integrates telecommunications, automated data acquisition devices, and automatic data processing equipment in support of individual or multiple medical treatment facilities and biomedical research laboratories. Provides technical guidance in experimental design and mathematical modeling in pursuit of biomedical investigations, including the collection, interpretation, and utilization of medical or medically related data. Commands or serves as the organizational head of a health services system management activity or a medical information system processing activity. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** In addition to meeting the military education level specified in paragraph 3-21c(2), must have successfully completed the DA Automatic Data Processing Course, and possess a baccalaureate or advanced degree in Bio-Engineering (including Human Factors Engineering), Biomedical Engineering Computer Science, Computer Systems (including Electrical Engineering), Computer Engineering, Computer Technology, Artificial Intelligence, Programming Languages, Software Engineering, Information Science, Information Management, Information Resource Management, Operations Research, Systems Design, Systems Engineering, or a directly related discipline from an accredited program acceptable to The Surgeon General. To hold positions in this AOC at the LTC and COL level, should possess an advanced degree in a directly related discipline acceptable to The Surgeon General.

**d. Restrictions:** For use by AMEDD Officers in AOC 67A.

**Code:** 70E

**Title:** Patient Administration

**Proponent:** OTSG

**a. Description of positions:** Positions requiring this AOC include the following: Chief, Patient Administration Division; and Patient Administration Officer, MEDDAC/MEDCEN/Field Medical Units; Patient Administration Operations Research Analyst.

**b. Description of duties:** Advises commanders and staff in all aspects of patient administration. Plans, organizes, directs, and controls patient administration in a variety of health care settings, including a command headquarters, a health services facility, a clinical support division, a department, service, or branch of a military medical/dental facility. Collects and analyzes patient and institutional data. Assists medical staff in evaluating quality of patient care and in developing criteria and methods for such an evaluation. Advises the medical commander on issues pertaining to patient administration and medical regulating, and serves as an adviser on matters pertaining to health services facility management, organization, operation, professional staff functions, and the standards prescribed by the Joint Commission for Accreditation of Health Care Organizations. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** In addition to meeting the military education level specified in paragraph 3-21c(2), must have successfully completed the AMEDD Patient Administration Course. To hold positions in the AOC at the LTC and COL level, should possess a master's/PhD degree in a directly related discipline from an accredited program acceptable to The Surgeon General.

**d. Restrictions:** For use by AMEDD Officers in AOC 67A.

**Code:** 70F

**Title:** Health Services Human Resources

**Proponent:** OTSG

**a. Description of positions:** Positions requiring this AOC include the following: ACS Personnel; S-1; Secretary General Staff, MACOM/

**Table 3-1**  
**Medical Functional Areas/Area of Concentration—Continued**

MEDCOM/MEDCEN; Director, Personnel and Community Activities; Chief, Personnel Division; Health Services Personnel Staff Officer; Adjutant; AMEDD Procurement Officer; Administrative Assistant; Manpower Control Officer; Personnel Survey Officer; Human Resources Operations Research Analyst.

**b. Description of duties:** Advises commanders and staff in all aspects of health services human resource management. This includes matters/policy pertaining to active duty AMEDD personnel, civilian staff, and patients. Plans, develops, and directs administrative management activities and services in medical organizations, to include: distribution, publications, correspondence, document reproduction, records and files management, and application of sophisticated administrative techniques such as desk-top publishing and micrographics. Plans, develops, and directs personnel systems that support and implement programs concerning the eight personnel management life cycle functions. Included are strength accounting, maintenance of personnel records, personnel requisitioning, reassignments, reenlistments, promotions, casualty reporting, eliminations, and awards and decorations. Manages the activities of personnel operational elements providing support to organizations, headquarters, and individuals. Trains military and civilian personnel in personnel services support, organizational administration and develops policy/procedures for these operations for AMEDD field and combat applications. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** In addition to meeting the military education level specified in paragraph 3-21c(2) or 3-21j(2), must have successfully completed the AMEDD Personnel Officers' Course. To hold positions in the AOC at the LTC and COL level, should possess a master's degree in a related discipline from an accredited program acceptable to The Surgeon General.

**d. Restrictions:** For use by AMEDD Officers in AOC 67A.

**Code:** 70H

**Title:** Health Services Plans, Operations, Intelligence, Security, and Training

**Proponent:** OTSG

**a. Description of positions:** Positions requiring this AOC include the following: Medical Plans, Operations, Intelligence, Security, and Training Officer; Plans, Intelligence and Operations; ACS Plans and Training Officer; Intelligence Officer; Medical Training Officer and Instructor; and ACS Plans, Intelligence and Operations, Medical Command, Brigade and Hospital Center; Chief, Medical Operations Center; Health Services Plans, Intelligence, Security and Training Operations Research Analyst; Personnel Survey Officer, and Manpower Control Officer.

**b. Description of duties:** Serves as the principal adviser to commanders at all levels in the areas of field medical operations and evacuation. Directs and coordinates staff functions pertaining to health services plans, organizations, operations, intelligence, security, and training. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** In addition to meeting the military education level specified in paragraph 3-21c(2) or 3-21j(2), must have successfully completed the CAS3 to hold positions through the grade of MAJ. To hold positions at the LTC and COL level, should be a U.S. CGSC Army graduate and should possess a master's degree from an accredited program acceptable to The Surgeon General in a field related to the management of health services.

**d. Restrictions:** For use by AMEDD Officers in AOC 67A.

**Code:** 70K

**Title:** Health Services Materiel

**Proponent:** OTSG

**a. Description of positions:** Positions requiring this AOC include the following: Chief of Logistics; Health Services Materiel or Services Management Officer; Medical Supply, Optical and Maintenance Officer; Stock control Officer; Medical Logistics Staff Officer; ACS, Logistics; S-4; Health Facilities Planner, Medical Design Engineer; and Health Services Materiel Operations Research Analyst.

**b. Description of duties:** Plans, coordinates, controls, and manages the functional areas pertaining to the highly specialized and technical materiel and services utilized in support of the health care delivery system. Commands or exercises staff responsibility for units engaged in medical supply and service operations and other logistical support. Plans and directs activities of personnel and units responsible for the

**Table 3-1  
Medical Functional Areas/Area of Concentration—Continued**

receipt, storage, and issue of all class VIII medical supply. Responsible for ensuring service support functions. Directs and supervises the collection, evacuation, and accountability for all classes of supply classified as salvage, surplus, abandoned, or uneconomically repairable. As a health services logistics staff officer, advises the commander of logistical matters and unit mission capabilities. Plans, directs, and implements the multifunctional areas of materiel management and their integration into the overall DOD logistics system as well as the support interface between the Army in the field, wholesale logistics, and industry. Directs and/or exercises staff supervision of units engaged in the production, acquisition, receipt, storage and preservation, issue, and distribution of medical equipment, medical repair parts, and medical supplies. Commands, directs, plans and/or exercises staff responsibility for units engaged in the collection, reclamation and final disposition of salvage, surplus, abandoned medical property, and unserviceable supplies and equipment. Serves as the focal point for medical property management and accountability procedures. As a staff officer, advises the commander on matters regarding supply and services support and other medical logistical functions. As a materiel manager, develops, coordinates, and supervises the supply support portion of an integrated logistics support plan. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** In addition to meeting the military education level specified in paragraph 3-21c(2) or 3-21j(2), must be a graduate of the Medical Logistics Management Course. To hold positions at the LTC and COL level, should possess a master's/PhD degree in a discipline related to business, logistics, or health care administration acceptable to The Surgeon General.

**d. Restrictions:** For use by AMEDD Officers in AOC 67A.

**Code:** 71A

**Title:** Microbiology

**Proponent:** OTSG

**a. Description of positions:** Positions include the following: Microbiologist, Bacteriologist, Virologist, Parasitologist, and Immunologist.

**b. Description of duties:** Conducts and directs the performance of microbiology, parasitology, and immunology procedures. Investigates the characteristics and life processes of microorganisms, their interrelationships to other living forms, and their reactions to the environment in which they are found. Duties are performed in TOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** In addition to meeting the military education level specified in chapter 3, paragraph 3-21d(2) requires a master's degree in microbiology or immunology with specialization in medical microbiology, or a PhD in parasitology or immunology from an accredited program acceptable to The Surgeon General.

**d. Restrictions:** For use by AMEDD Officers in AOC 67B.

**Code:** 71B

**Title:** Biochemistry

**Proponent:** OTSG

**a. Description of positions:** Positions include the following: Biochemist, Toxicologist, and Physiologist.

**b. Description of duties:** Conducts and directs the performance of biochemical analysis and investigates metabolic processes occurring in organisms. Performs experiments and conducts research to determine how a body reacts/adapts to a range of military environments. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** All officers must meet the military education level specified in paragraph 3-21d(2). To function as a biochemist or toxicologist requires a Master's Degree with specialization in biochemistry, or another chemistry specialty. To function as a physiologist requires a PhD in human physiology or in a biological science specialty. Degrees must have been obtained from an accredited program acceptable to The Surgeon General.

**d. Restrictions:** For use by AMEDD Officers in AOC 67B.

**Code:** 71E

**Title:** Clinical Laboratory

**Proponent:** OTSG

**a. Description of positions:** Positions include the following: Clinical Laboratory Officer and/or Laboratory Manager, and Blood Bank Specialist.

**Table 3-1  
Medical Functional Areas/Area of Concentration—Continued**

**b. Description of duties:** Conducts and directs the performance of laboratory procedures used in the detection, diagnosis, treatment, and prevention of disease and/or conducts and directs blood bank programs and procedures. Manages resources of the laboratory to assure quality patient care support. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** In addition to meeting the military education level specified in paragraph 3-21d(2), requires a bachelor's degree in medical technology or the biological sciences from an accredited program acceptable to The Surgeon General and completion of an accredited intern program of medical technology, certification by either the American Society of Clinical Pathology (ASCP) Certification or the National Certification Agency for Medical Laboratory Personnel (NCMLP), and one year experience in clinical laboratory sciences in a civilian or DOD health care facility, university, medical school, research agency, governmental health agency or medical diagnostic laboratory.

**d. Restrictions:** For use by AMEDD Officers in AOC 67B.

**Code:** 71F

**Title:** Research Psychology

**Proponent:** OTSG

**a. Description of positions:** Positions include the following: Clinical Research Psychologist.

**b. Description of duties:** Performs experiments and conducts research to determine effects of internal and external environmental factors on life processes and functions of personnel for whom DOD is responsible. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** In addition to meeting the military education level specified in paragraph 3-21d(2), requires a PhD in psychology from an accredited program acceptable to The Surgeon General.

**d. Restrictions:** For use by AMEDD Officers in AOC 67B.

**Code:** 72A

**Title:** Nuclear Medical Science

**Proponent:** OTSG

**a. Description of positions:** Positions include the following: Nuclear Medical Science Officer, Radiation Protection Officer, Health Physics, Radiological Hygiene Staff Officer, and Research Investigator.

**b. Description of duties:** Plans, directs, and participates in activities relating to health physics, laser or microwave physics, medical physics, ionizing and nonionizing radiation biology research associated with military operations. Functions in staff assignments and as instructor in these and related fields affecting the health and environment of personnel for which DA is responsible. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** Requires a master's degree from an accredited program acceptable to The Surgeon General in one of the following academic disciplines: radiobiology, radiochemistry, nuclear physics, health physics, radiological physics, applied atomic physics, nuclear engineering, laser or microwave physics. Must also meet military education requirements specified for AOC 67C in paragraph 3-21e(2).

**d. Restrictions:** For use by AMEDD Officers in AOC 67C.

**Code:** 72B

**Title:** Entomology

**Proponent:** OTSG

**a. Description of positions:** Positions include the following: Entomologist and Medical Entomologist.

**b. Description of duties:** Plans, directs, and participates in research, operational and consultative medical entomology, and pest management activities concerning the effective control of pests and vectors of disease affecting the health, morale, and environment of all Army personnel. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** Requires a master's degree from an accredited program acceptable to The Surgeon General in entomology or biological science with a major in entomology. Must also meet military education requirements specified in paragraph 3-21e(2).

**d. Restrictions:** For use by AMEDD Officers in AOC 67C.

**Code:** 72C

**Title:** Audiology

**Proponent:** OTSG

**a. Description of positions:** Positions include the following: Audiologist.

**Table 3-1**  
**Medical Functional Areas/Area of Concentration—Continued**

**b. Description of duties:** Conducts quantitative and qualitative examinations of auditory pathway; prescribes and implements nonmedical treatment to conserve or improve communication ability; designs, develops, and maintains hearing conservation programs. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** Requires a master's degree from an accredited program acceptable to The Surgeon General in audiology or communication disorders with a major in audiology. Must also meet military education requirements specified in paragraph 3-21e(2).

**d. Restrictions:** For use by AMEDD Officers in AOC 67C.

**Code:** 72D

**Title:** Environmental Science

**Proponent:** OTSG

**a. Description of positions:** Positions include the following: Environmental Science Staff Officer and Chief, Sanitation and Hygiene Office.

**b. Description of duties:** Advises on or performs professional and scientific work in environmental health and industrial hygiene. Functions include: identification, evaluation, and formulation of recommendations for the control of potential health hazards; health hazard assessment of weapons, equipment, clothing, training devices and materiel systems; development of environmental health and industrial hygiene criteria and standards; promotion of policies, programs, practices, and operations directed toward the prevention of disease, illness, and injury. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** Must have completed a bachelor's degree with a minimum of 30 semester hours in the physical and/or biological sciences, preferably in public health, environmental science, industrial hygiene, biology, chemistry, toxicology or epidemiology and/or possess a master's degree in public health or related area of specialization such as environmental health, environmental science, industrial hygiene, or food technology from an accredited program acceptable to The Surgeon General. To hold executive positions at the field grade level, must possess a master's degree as stated above. Professional qualifications for unrestricted practice must be met. Must also meet military education requirements specified in paragraph 3-21e(2).

**d. Restrictions:** For use by AMEDD officers in AOC 67C.

**Code:** 72E

**Title:** Sanitary Engineer

**Proponent:** OTSG

**a. Description of positions:** Positions include the following: Chief, director, or commander of various TOE/TDA preventive medicine, environmental health and quality, environmental compliance, industrial hygiene or environmental engineering units, agencies, or activities; consultant for sanitary engineering, environmental sciences, and health hazard assessment; project officer; assistant professor of preventive medicine; industrial hygiene officer; preventive medicine officer; pollution abatement officer; environmental engineer; sanitary engineer.

**b. Description of duties:** Advises on or performs professional and scientific work utilizing industrial engineering principles and practices to protect health and the environment. Duties include the assessment of existing and proposed weapons, equipment, clothing, training devices and materiel systems. Activities relate to the design and formulation of recommendations to preserve and enhance health and environmental conditions to include air, water, noise, liquid and solid waste disposal, and institutional hygiene. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** Must possess a bachelor's degree in engineering from a school acceptable to The Surgeon General. The overall curriculum in mathematics, basic science, engineering science, and engineering design must provide an integrated education experience directed toward the development of an ability to identify and solve practical problems in the designated area of engineering specialization. Professional qualifications for unrestricted practice in this medical functional area must be met. Must also meet the military education requirements specified in paragraph 3-21e(2).

**d. Restrictions:** For use by AMEDD officers in AOC 67C.

**Code:** 73A

**Title:** Social Work

**Proponent:** OTSG

**a. Description of positions:** Positions include the following:

**Table 3-1**  
**Medical Functional Areas/Area of Concentration—Continued**

Social Worker; Chief, Social Work Service; and Consultant, Social Work Services.

**b. Description of duties:** Performs social work functions which include: provide critical event debriefings, psychological autopsies, suicide prevention, clinical counseling, disaster relief, civil affairs, crisis interventions, substance abuse interventions, teaching and training, supervision, research, administration, consultation and policy development in various military setting. These functions are provided to enhance unit readiness and the emotional well being of service members, their eligible family members, and DA civilians as appropriate. Duties are performed in CONUS and OCONUS MTOE and TDA organizations.

**c. Qualifications:** In addition to meeting the military education level specified in paragraph 3-20f, requires a master's degree in social work from a program accredited by the Council on Social Work Education and acceptable to The Surgeon General. Professional qualifications for unrestricted practice must be met.

**d. Restrictions:** For use by AMEDD officers in AOC 67D.

**Code:** 73B

**Title:** Clinical Psychology

**Proponent:** OTSG

**a. Description of positions:** Positions include the following: Psychologist, Counseling Psychologist, Psychology Service Chief, Consulting Psychologist, and Behavioral Science Consultant.

**b. Description of duties:** Applies psychological principles, theories, methods, and techniques through direct patient services, consultation, education, and research to problems of human effectiveness, adjustment, and emotional disturbance in medical and other settings; investigations, evaluations, and amelioration of mental and behavior disorders; prevention of mental illness; and promotion of effective mental health. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

**c. Qualifications:** In addition to meeting the military education level specified in paragraph 3-21f(2), must possess a PhD in clinical psychology, counseling psychology, or other subspecialty of psychology from an American Psychological Association (APA) accredited program acceptable to The Surgeon General. Must have completed a 1 year APA approved clinical psychology internship or its equivalent. Must have a current license to practice psychology in the United States, U.S. Territories, or the District of Columbia. Professional qualifications for unrestricted practice must be met. Graduates of the Clinical Psychology Internship Program (CPIP) must complete all requirements for the PhD and license within the period of their initial obligation. Health Professions Scholarship Program (HPSP) officers who fail to complete the PhD requirements and/or requirements for license will be reclassified into another AOC in the Army structure based on Army needs.

**d. Restrictions:** For use by AMEDD officers in AOC 67D.

**Code:** 75A

**Title:** Field Veterinary Service

**Proponent:** OTSG

**a. Description of positions:** Positions include the following: Veterinary Service Officer, MEDDAC/MEDCEN and Med R&D Command.

**b. Description of duties:** Performs, supervises, directs or coordinates inspection, to include examination and testing, of subsistence for wholesomeness, nutritional quality, and conformance with other Federal and military standards. Provides veterinary medical diagnostic and treatment services and surgery for Government-owned animals and other animals as authorized. Participates as research investigator in biomedical research and research support. Instructs or trains officers and enlisted specialists in any or all of these aspects of military veterinary services. This is an initial/entry level skill for the AOC 64A.

**c. Qualifications:** Must have successfully completed the AMEDD Officer Basic Course.

**d. Restrictions:** Only for use by AMEDD Company Grade Officer with AOC 64A.

**Code:** 75B

**Title:** Veterinary Preventive Medicine

**Proponent:** OTSG

**a. Description of positions:** Positions include the following: Deputy Commander for Veterinary Services MEDDAC/MEDCEN; Commander, Veterinary TOE Team; Chief, Food Inspection Division/

**Table 3-1**  
**Medical Functional Areas/Area of Concentration—Continued**

Branch/Section; Chief, Regional Veterinary Laboratory; Veterinary Staff Officer; Instructor Veterinary Services.

**b. Description of duties:** Supervises and manages the veterinary services at MEDCEN/MEDDAC. Serves as staff officer for veterinary services at DoD level. Plans, coordinates, and directs veterinary preventive medicine program to control animal and foodborne diseases of public health interest. Coordinates and directs employment of veterinary administrative procedures, and investigates conditions affecting the health of the installation as directed. Effects liaison with Federal, State, and local government agencies concerned with veterinary matters. Provides consultation on matters of management and epidemiologic significance of wildlife on military reservations.

**c. Qualifications:** The officer must have completed post doctoral training either in food technology, veterinary laboratory services, public health, or possess equivalent experience. Must be a graduate of the AMEDD Officer Advanced Course. Must have successfully completed U.S. Army CGSC, or possess board certification, or be board eligible to hold positions at the Lieutenant Colonel level. Must have received board certification and successfully completed CGSC to hold positions at the COL level. For the RC, award of AOC 75B will occur at promotion to MAJ. For the RC, requirement for Military Education will be per AR 35-155. Board eligibility/certification requirements are waiverable for the RC.

**d. Restrictions:** Only for use by AMEDD Field Grade Officer within AOC 64A. In exceptional cases the grade requirement may be waived for CPT by The Surgeon General.

**Code:** 75C

**Title:** Veterinary Laboratory Animal Medicine

**Proponent:** OTSG

**a. Description of positions:** Positions include the following: Director, Laboratory Animal Medicine; Director, Research Program; Chief, Research and Development Department/Division/Branch/Service.

**b. Description of duties:** Plans, directs, and participates in the care, treatment, and management of laboratory animals and other government-owned animals. Duties include the design and operation of Disease Prevention and Control Program, zoonosis control, design of facilities and equipment, selection and utilization of animal models, and the design and operation of research projects.

**c. Qualifications:** The officer must have completed post-doctoral training applicable to laboratory animals and their utilization, or possess equivalent experience. Must be a graduate of the AMEDD Officer Advanced Course. Must have successfully completed U.S. Army CGSC, or possess board certification, or be board eligible to hold positions at the LTC level. Must have received board certification and successfully completed CGSC to hold positions at the COL level.

**d. Restrictions:** For use by AMEDD Field Grade Officer within AOC 64A. In exceptional cases the grade requirement may be waived for CPT by The Surgeon General.

**Code:** 75D

**Title:** Veterinary Pathology

**Proponent:** OTSG

**a. Description of positions:** Positions include the following: Chief, Veterinary Clinical Investigation Service MEDCEN; Director, Research Program; Chief, Research and Development Department/Division/Branch/Service.

**b. Description of duties:** Plans, supervises, and conducts various diagnostic procedures and conducts research in the field of veterinary and comparative pathology.

**c. Qualifications:** The officer must have completed post doctoral training in veterinary pathology or possess equivalent experience. Must be a graduate of the AMEDD Officer Advanced Course. Must have successfully completed U.S. Army CGSC, or possess board certification, or be board eligible to hold positions at the LTC level. Must have received board certification and successfully completed CGSC to hold positions at the COL level.

**d. Restrictions:** For use by AMEDD Field Grade Officer within AOC 64A. In exceptional cases this grade requirement may be waived for CPT by The Surgeon General.

**Code:** 75E

**Title:** Veterinary Comparative Medicine

**Proponent:** OTSG

**a. Description of positions:** Positions include the

**Table 3-1**  
**Medical Functional Areas/Area of Concentration—Continued**

following: Commander/Deputy Command, Medical Research, Development and Acquisition (RDA) Laboratory/Activity; Director, RDA Program(s); Chief, RDA Department/Division/Branch/Project/Service; Principle Research Investigator.

**b. Description of duties:** Plans, directs, executes, manages or conducts research in various Research, Development and Acquisition (RDA) programs addressing Joint Service and Army-specific requirement for medical material and in support of Army Science and Technology Objectives. Serves as Commander or Deputy Commander of a medical RDA laboratory or activity responsible for the execution of specific aspects of the Army RDA technology base research or advanced development programs. Serves as Director of an RDA program responsible for strategic planning programming, direction and defense. Serves as a research manager responsible for management of fiscal and human resources in the execution of research projects at an RDA laboratory. Serves as a principle investigator responsible for the conduct and reporting of individual specialty-related research efforts at an RDA laboratory.

**c. Qualifications:** The officer must have completed post doctoral training at the PhD level in Microbiology, Immunology, Physiology, Pharmacology, Toxicology, Parasitology or a related subdiscipline. Must be a graduate of the AMEDD Officer Advanced Course and must have successfully completed CGSC (or possess board certification, or be Board eligible) to hold positions at the LTC level. Must have successfully completed CGSC, hold a PhD degree and be an accomplished scientist to attain the grade of COL.

**d. Restrictions:** For use by AMEDD officers within Branch 64.

**Code:** 75F

**Title:** Veterinary Clinical Medicine

**Proponent:** OTSG

**a. Description of positions:** Positions include the following: Commander, Veterinary TOE Unit; Chief, Clinical Services Department/Division/Branch; Instructor, Veterinary Services; Veterinary Staff Officers.

**b. Description of duties:** Provides medical and surgical care of government-owned animals as well as privately-owned animals as authorized. Makes clinical observations and diagnoses and serves as clinical consultant in specialty area as required. Functions in a variety of clinically oriented roles involving international studies, nation assistance/civil affairs and/or Special Forces.

**c. Qualifications:** The officer must have completed an American Board of Specialties of the AVMA approved post doctoral training program in a clinical discipline such as internal medicine, veterinary surgery, veterinary internal medicine, bovine medicine, etc., or be Board certified in a clinical discipline recognized by the American Board of Specialties of the AVMA. Must be a graduate of the AMEDD Officers Advanced Course. Must have successfully completed CGSC, or possess board certification and successfully completed CGSC to hold positions at the COL level. For the Reserve Components (RC), requirements for military education will be per AR 35-155. Board eligibility/certification requirements are waiverable for the RC.

**d. Restrictions:** For use by AMEDD officers within Branch 64.

### **3-16. Medical Corps (60-62) (Proponent: Office of The Surgeon General)**

*a. Branch description.* The Medical Corps is one of the six officer branches of the Army Medical Department (AMEDD) and is a special branch of the Army. The Medical Corps is composed exclusively of commissioned officers who have a degree of Doctor of Medicine from medical school or Doctor of Osteopathy from osteopathic school acceptable to HQDA. The Medical Corps encompasses those specialties filled by officers who are responsible for the professional care of the sick and injured. These physicians maintain the health of the Army and conserve its fighting strength. Care is provided for the sick and injured in peacetime while, at the same time preparations are made for health support of the Army in time of war.

*b. Branch qualifications.* AR 135-101 contains the details of eligibility requirements for appointment into the Medical Corps.

*c. Operational Medicine (60A).*

(1) *Description of duties.* Plans, establishes, directs and supervises health delivery activities within military units authorized a surgeon, or within research and development, test and evaluation activities concerned with medical aspects of military operations. Commands medical unit or installation engaged in furnishing medical care to sick, injured, or wounded personnel.

(2) *Special qualifications.* Must be able to perform duties described above and must have had postgraduate training or experience in fields of public health, health care administration, personnel administration, or in medical education administration.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) Brigade, Corps or Division Surgeon.

(b) Medical Unit or Hospital Commander.

(c) RDTE Medical Advisor/Research Director.

(d) Director of Medical Activities.

(e) Deputy Commander for Clinical Services.

d. *Nuclear Medicine Officer (60B).*

(1) *Description of duties.* Plans, conducts, interprets, and directs nuclear medical examinations and therapy including systemic administration of ionizing radiation, patient care, and activities concerned with the medical aspects of nuclear energy and bionucleonics.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the Office of The Surgeon General (OTSG).

(3) *Special grading of positions.*

(4) *Unique duty positions.* None.

e. *Preventive Medicine Officer (60C).*

(1) *Description of duties.* Determines status of, and conditions influencing health of military and appropriate civilian personnel; formulates and recommends measures for health improvements; and plans, coordinates, and directs a program designed to maintain health, improve physical fitness and prevent disease and injury.

(2) *Special qualifications.* Must have Specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.*

(a) Preventive Medicine Section of Hq & Co A of Medical Battalion, Air Assault Division (MAJ).

(b) Chief, Epidemiology Section in the Theater Army Medical Laboratory (TAML)(MAJ).

(4) *Unique duty positions.* None.

f. *Occupational Medicine Officer (60D).*

(1) *Description of duties.* Plans, directs and supervises occupational health programs for Department of Army civilian and military personnel.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

g. *Pulmonary Disease Officer (60F).*

(1) *Description of duties.* Examines, diagnoses, and treats or recommends course of therapy for adult patients, with particular emphasis on diseases of the respiratory system and tuberculosis.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

h. *Gastroenterologist (60G).*

(1) *Description of duties.* Examines, diagnoses, and treats or recommends course of treatment for patients, with particular emphasis on disorders of the gastroenterological system.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

i. *Cardiologist (60H).*

(1) *Description of duties.* Examines, diagnoses, and treats or recommends, course of treatment or therapy for patients, with particular emphasis on disorders of the cardiovascular system.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

j. *Obstetrician and Gynecologist (60J).*

(1) *Description of duties.* Provides medical care during pregnancy, performs obstetric deliveries, and examines, diagnoses and treats or prescribes course of treatment for patients who have gynecological disease, injury or disorder.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

k. *Urologist (60K).*

(1) *Description of duties.* Examines, diagnoses, and treats or prescribes course of treatment or surgery for patients having disease, injury, or disorder of genito-urinary tract, and performs required surgery.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

l. *Dermatologist (60L).*

(1) *Description of duties.* Examines, diagnoses, and treats or prescribes course of treatment for patients having diseases of the skin.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.*

(4) *Unique duty positions.* None.

m. *Allergist, Clinical Immunologist (60M).*

(1) *Description of duties.* Examines, diagnoses, and treats or recommends course of treatment for diseases with particular emphasis on conditions of allergic or immunologic origin.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

n. *Anesthesiologist (60N).*

(1) *Description of duties.* Administers or supervises administration of anesthetics to patients.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.*

(4) *Unique duty positions.* None.

o. *Pediatrician (60P).*

(1) *Description of duties.* Examines, diagnoses, and treats or recommends course of management for childhood diseases.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

p. *Pediatric Cardiologist (60Q).*

(1) *Description of duties.* Examines, diagnoses, and treats or recommends or prescribes course of therapy for children, with particular emphasis on disorders of the cardiovascular system.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

q. *Child Neurologist (60R).*

(1) *Description of duties.* Examines, diagnoses, and treats and directs management of infants and children suffering from organic disorders, injuries, and diseases of the central nervous system.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

r. *Ophthalmologist (60S).*

(1) *Description of duties.* Examines, diagnoses, and treats or prescribes course of treatment for personnel suffering from diseases, injuries, or disorders of eyes, and performs surgery when required.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

s. *Otolaryngologist (60T).*

(1) *Description of duties.* Examines, diagnoses, and treats or prescribes course of treatment for personnel suffering from diseases, injuries, or disorders of ear, nose, and throat, performing surgery when required.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

t. *Child Psychiatrist (60U).*

(1) *Description of duties.* Provides diagnostic and treatment service to children and adolescents suffering from emotional or mental illness, mental retardation or situational maladjustment. Provides or supervises associated treatment or guidance to parents and families.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

u. *Neurologist (60V).*

(1) *Description of duties.* Examines, diagnoses, and treats and directs management of patients suffering from organic disorders, injuries, and diseases of the central and peripheral nervous system.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

v. *Psychiatrist (60W).*

(1) *Description of duties.* Examines, diagnoses, and treats or prescribes course of treatment for personnel suffering from emotional or mental illness, mental retardation or situational maladjustment.

(2) *Special qualifications.*

(3) *Special grading of positions.*

(a) Company Commander position in Medical Company, Combat Stress Control (LTC).

(b) Commander position of Medical Detachment, Combat Stress Control (MAJ).

(c) Mental Health Section, Hq & Co A of Medical Battalion, Air Assault Division (MAJ).

(4) *Unique duty positions.* None.

w. *Nephrologist (61A).*

(1) *Description of duties.* Examines, diagnoses, and treats or recommends course of therapy for adult diseases, with particular emphasis on disorders of the kidney and excretory system.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have a Doctor of Medicine Degree or a Doctor of Osteopathy Degree from a school acceptable to the Department of Army (DA).

(b) Have adequate training or professional experience in this specialty in order to meet minimum requirements established by DA.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) Medical Oncologist.

(b) Hematologist.

(c) Chief of Service.

x. *Medical Oncologist/Hematologist (61B).*

(1) *Description of duties.* Examines, diagnoses, and treats or recommends course of treatment for adult diseases, with particular emphasis on neoplastic and malignant disorders.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have a Doctor of Medicine Degree or a Doctor of Osteopathy Degree from a school acceptable to DA.

(b) Have adequate training or professional experience in this specialty in order to meet minimum requirements established by DA.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

y. *Endocrinologist (61C).*

(1) *Description of duties.* Examines, diagnoses, and treats or recommends course of treatment for adult diseases, with particular emphasis on disorders of the endocrine system and metabolism.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have a Doctor of Medicine Degree or a Doctor of Osteopathy Degree from a school acceptable to DA.

(b) Have adequate training or professional experience in this specialty in order to meet minimum requirements established by DA.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

z. *Rheumatologist (61D).*

(1) *Description of duties.* Examines, diagnoses, and treats or recommends course of treatment for adult diseases, with particular emphasis on disorders of the connective tissue.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have a Doctor of Medicine Degree or a Doctor of Osteopathy Degree from a school acceptable to DA.

(b) Have adequate training or professional experience in this specialty in order to meet minimum requirements established by DA.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

aa. *Clinical Pharmacologist (61E).*

(1) *Description of duties.* Examines, diagnoses, and treats or recommends course of therapy for adults with particular emphasis on management of drug therapy, drug interactions, and disorders caused or complicated by adverse reactions to drugs.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have a Doctor of Medicine Degree or a Doctor of Osteopathy Degree from a school acceptable to DA.

(b) Have adequate training or professional experience in this specialty in order to meet minimum requirements established by DA.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

ab. *Internist (61F).*

(1) *Description of duties.* Examines, diagnoses, and treats or recommends course of management for adults with medical illnesses.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have a Doctor of Medicine Degree or a Doctor of Osteopathy Degree from a school acceptable to DA.

(b) Have adequate training or professional experience in this specialty in order to meet minimum requirements established by DA.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

ac. *Infectious Disease Officer (61G).*

(1) *Description of duties.* Is generally responsible for diagnosis, laboratory confirmation, treatment, control and/or description of natural history and transmission kinetics of infectious diseases.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have a Doctor of Medicine Degree or a Doctor of Osteopathy Degree from a school acceptable to DA.

(b) Have adequate training or professional experience in this specialty in order to meet minimum requirements established by DA.

(3) *Special grading of positions.* The Infectious Disease Officer position in the TAML will be graded MAJ.

(4) *Unique duty positions.* None.

ad. *Family Physician (61H).*

(1) *Description of duties.* Provides comprehensive care to patients at each echelon of the health service support system: Cares for 85 percent of patients with problems in areas such as general medicine, gynecology, obstetrics, psychiatry, preventive medicine, pediatrics, and orthopedics in both in patient and out patient environments; can augment the capabilities of the surgical specialties through triage, stabilization, and surgical assistance, as well as pre- and post-operative care.

(2) *Special qualifications.* Must be able to perform duties described above and possess the following special qualifications:

(a) Must have a Doctor of Medicine Degree or a Doctor of Osteopathy Degree from a school acceptable to the Department of the Army.

(b) Must have approved Family Practice residency training or meet the eligibility of the American Board of Family Practice.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

*ae. General Surgeon (61J).*

(1) *Description of duties.* Examines, diagnoses, and treats or prescribes course of treatment and surgery for patients having injuries, or disorders with surgical conditions, and performs required surgery.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have had adequate training or professional experience in this specialty in order to meet minimum requirements established by DA.

(b) Have Doctor of Medicine Degree or a Doctor of Osteopathy Degree from a school acceptable to DA.

(3) *Special grading of positions.*

(a) In Treatment Platoon and Surgical Squad, Hq & Co A of Medical Battalion, Air Assault Division (MAJ).

(b) In Forward Surgical Team, one position will be graded LTC. Other General Surgeon positions will be graded MAJ.

(4) *Unique duty positions.* None.

*af. Thoracic Surgeon (61K).*

(1) *Description of duties.* Examines, diagnoses and treats or prescribes course of treatment and surgery for patients having surgical diseases or injuries of the thorax and vascular system and performs required surgery.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have had adequate training or professional experience in this specialized field of surgery sufficient to meet minimum requirements established by DA.

(b) Have a Doctor of Medicine Degree or a Doctor of Osteopathy Degree from a school acceptable to DA.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

*ag. Plastic Surgeon (61L).*

(1) *Description of duties.* Examines, diagnoses, and treats or prescribes course of treatment and surgery for patients having conditions requiring plastic surgery.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have had adequate training or professional experience in this specialized field of surgery sufficient to meet minimum requirements established by DA.

(b) Have a Doctor of Medicine Degree or a Doctor of Osteopathy Degree from a school acceptable to DA.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

*ah. Orthopedic Surgeon (61M).*

(1) *Description of duties.* Examines, diagnoses and treats or prescribes course of treatment and surgery for patients having disorders, malformations, diseases, injuries, of the musculo-skeletal system, performing surgical operations as indicated.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have had adequate training or professional experience in this specialized field of surgery sufficient to meet minimum requirements established by DA.

(b) Have Doctor of Medicine Degree or Doctor of Osteopathy Degree from a school acceptable to DA.

(3) *Special grading of positions.*

(a) In Surgical Squad, Hq & Co A of Medical Battalion, Air Assault Division (MAJ).

(b) In Forward Surgical Team, positions will be graded MAJ.

(4) *Unique duty positions.* None.

*ai. Flight Surgeon (61N).*

(1) *Description of duties.* Provides aviation and general medical services for Army aviation personnel.

(2) *Special qualifications.*

(a) Must have specialty training in this field at a level that is recognized by the OTSG.

(b) Be graduate of basic course in aviation medicine acceptable to DA. Must have doctor of medicine degree or Doctor of Osteopathy Degree from a school acceptable to DA.

(3) *Special grading of positions.*

(a) Treatment Squad, Hq & Co A of Medical Battalion, Air Assault Division and Med Co of a Forward Support Battalion (FSB) (CPT).

(b) Treatment Platoon, FSB (MAJ).

(4) *Unique duty positions.* None.

*aj. Psychiatrist (61P).*

(1) *Description of duties.* Plans, establishes, and directs physical medicine program at medical installation.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have knowledge of regenerative processes of body, and be able to evaluate physical medicine techniques.

(b) Have had appropriate training or professional practice in this specialty in accordance with minimum requirements established by DA.

(c) Have Doctor of Medicine Degree or Doctor of Osteopathy Degree from a school acceptable to DA.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

*ak. Therapeutic Radiologist (61Q).*

(1) *Description of duties.* Conducts and supervises the use of ionizing radiation in the treatment of patients with malignant disease and in certain nonmalignant conditions amenable to such therapy.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have had adequate training in therapeutic radiology in order to meet requirements established by DA.

(b) Have Doctor of Medicine Degree or Doctor of Osteopathy Degree from a school acceptable to DA.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

*al. Diagnostic Radiologist (61R).*

(1) *Description of duties.* Performs and interprets all diagnostic radiological and fluoroscopic procedures, including special vascular studies, on patients referred by other physicians.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have had training or professional practice in diagnostic radiology in order to meet requirements established by DA.

(b) Have Doctor of Medicine Degree or Doctor of Osteopathy Degree from school acceptable to DA.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

*am. Pathologist (61U).*

(1) *Description of duties.* Directs and supervises medical laboratory and conducts clinical and anatomical pathological examinations.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have had appropriate training and professional experience in this specialty in accordance with minimum requirements established by DA.

(b) Have Doctor of Medicine Degree or Doctor of Osteopathy Degree from school acceptable to DA.

(3) *Special grading of positions.* Laboratory Commander position in TAML will be graded COL. Other pathologist positions will be graded LTC.

(4) *Unique duty positions.*

(a) Pathologist.

(b) Clinical pathologist.

(c) Anatomical Pathologist.

(d) Chief of Service.

(e) Department Chief.

*an. Peripheral Vascular Surgeon (61W).*

(1) *Description of duties.* Examines, diagnoses, and treats or prescribes course of treatment and surgery for patients having arterial, venous and lymphatic circulatory diseases and injuries, exclusive of lesions intrinsic to the heart, thoracic aorta, and intra-cranial vessels.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Understand military organization, mission, and environment.

(b) Have had appropriate training and professional experience in this specialized field of surgery sufficient to meet minimum requirements established by DA.

(c) Have Doctor of Medicine Degree or Doctor of Osteopathy Degree from a school acceptable to DA.

(d) Have completed an approved program in vascular surgery, as recognized by The Surgeon General.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

*ao. Neurosurgeon (61Z).*

(1) *Description of duties.* Examines, diagnoses, and performs surgery as required in cases of patients suffering from disease, injury or disorder of nervous system.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have had adequate training and professional experience in this specialty in order to meet minimum requirements established by DA.

(b) Have Doctor of Medicine Degree or Doctor of Osteopathy Degree from a school acceptable to DA.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

*ap. Emergency Physician (62A).*

(1) *Description of duties.* Examines, diagnoses, and treats or prescribes course of treatment for the initial phase of disease and injuries.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have a Doctor of Medicine Degree or a Doctor of Osteopathy Degree from a school acceptable to DA.

(b) Have had adequate training and professional experience in this specialty in order to meet minimum requirements established by DA.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

*aq. Field Surgeon (62B).*

(1) *Description of duties.* Examines, diagnoses, and treats or prescribes course of treatment for the initial phase of battlefield disease and injury. Provides resuscitative and definitive care for injured and wounded soldiers within the capability of the unit's medical element.

(2) *Special qualifications.* Must have specialty training in this field at a level that is recognized by the OTSG.

(a) Have a Doctor of Medicine Degree or a Doctor of Osteopathy Degree from a school acceptable to DA.

(b) Have had adequate training and professional experience in this specialty in order to meet minimum requirements established by DA.

(3) *Special grading of positions.*

(a) Treatment Squad of Medical Treatment Detachment (one MAJ; others CPT).

(b) Treatment Squad, FSB (CPT).

(c) Treatment Platoon, FSB (MAJ).

(4) *Unique duty positions.* Battalion Division and Brigade Surgeon, Medical Platoon Leader.

### **3-17. Dental Corps (63) (Proponent: Office of The Surgeon General)**

*a. Branch description.* The Dental Corps is a special branch of the Army composed of commissioned officers who are graduates of

dental school accredited by the American Dental Association and acceptable to The Surgeon General. To practice dentistry, a dental officer must possess a DDS or DMD degree and a valid, current license from one of the fifty United States, a U.S. Territory, or the District of Columbia. The unrestricted practice of dentistry requires individual credentialing. The mission of the Dental Corps in peace is to ensure that each soldier is in optimal oral health and prepared to deploy without becoming a non-combat dental casualty. A secondary mission is to provide dental health care to family members and other eligible beneficiaries of the military community per Public Law. In war, the mission of the Dental Corps is to conserve the fighting strength of soldiers by the restoration and preservation of oral health and function, and assisting in the emergency medical management of combat and noncombat casualties. In both peace and war, the Dental Corps has the mission to support casualty identification through dental forensic identification operations. The principal functions performed by military dentists are: clinical and laboratory dentistry, command and staff, teaching, and research. Teaching is identified as a separate function although it is an all pervasive element of the profession of dentistry and is implied in each of the functional areas.

*b. Branch qualifications.* AR 135-101 list qualifications for entry into this branch.

*c. General Dentist (63A).*

(1) *Description of duties.* Examine, diagnose, and treat diseases, injuries and defects of teeth, jaws, oral cavity, and supporting structures.

(2) *Special qualifications.* Must be able to perform the duties described above, and be a graduate of a dental school acceptable to The Surgeon General, Department of the Army.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) General Dental Officer.

(b) Unit Dental Surgeon.

(c) Clinic Chief.

*d. Comprehensive Dentist (63B).*

(1) *Description of duties.* Provides comprehensive oral health care to include the teaching of diagnostic/management skills, and develops and executes treatment plans involving multiple dental specialties.

(2) *Special qualifications.*

(a) Completion of an Advanced Education in General Dentistry Program (Comprehensive Dentistry) of at least 2 consecutive years duration which is accredited by the American Dental Association and acceptable to The Surgeon General.

(b) Be able to perform duties of AOC 63A.

(3) *Special grading of positions.* For positions coded MAJ and above.

(4) *Unique duty positions.*

(a) Comprehensive Dental Officer.

(b) Chief, General Dentistry Team.

(c) Commander, Medical Detachment (Dental Service).

(d) Program Director, Assistant Program Director, Training Officer; Advanced Education in General Dentistry.

(e) Instructor, Academy of Health Sciences.

(f) Comprehensive Dentistry Consultant, OTSG.

(g) Unit Dental Surgeon.

(h) Clinic Chief.

*e. Periodontist (63D).*

(1) *Description of duties.* Examines, diagnoses, and treats or prescribes treatment for the supporting and surrounding tissues of the teeth or their substitutes and performs implantation or transplantation of teeth or their replacement analogues.

(2) *Special qualifications.*

(a) Completion of an Advanced Specialty Education Program in Periodontics which is accredited by the American Dental Association and acceptable to The Surgeon General.

(b) Be able to perform duties of AOC 63A.

(3) *Special grading of positions.* For positions coded MAJ and above.

(4) *Unique duty positions.*

- (a) Periodontist.
- (b) Program Director, Assistant Program Director, Senior Resident Training Officer, Junior Resident Training Officer; Advanced Specialty Education Program in Periodontics.
- (c) Periodontics Consultant, OTSG.
- (d) Clinic Chief.
- f. *Endodontist (63E)*.
  - (1) *Description of duties*. Examines, diagnoses, and treats or prescribes treatment of diseases of the dental pulp, traumatic injuries to the pulp and periradicular tissues, and the sequelae of these diseases and injuries.
  - (2) *Special qualifications*.
    - (a) Completion of an Advanced Specialty Education Program in Endodontics which is accredited by the American Dental Association and acceptable to The Surgeon General.
    - (b) Be able to perform duties of AOC 63A.
    - (3) *Special grading of positions*. For positions coded MAJ and above.
    - (4) *Unique duty positions*.
      - (a) Endodontist.
      - (b) Program Director, Assistant Program Director, Senior Resident Training Officer, Junior Resident Training Officer; Advanced Specialty Education Program in Endodontics.
      - (c) Endodontics Consultant, OTSG.
      - (d) Clinic Chief.
  - g. *Prosthodontist (63F)*.
    - (1) *Description of duties*. Examines, diagnoses, and treats or prescribes treatment for personnel who require management of complex occlusal problems or who require replacement of missing teeth and associated structures through the fabrication and placement of fixed, removable, or semi-fixed maxillofacial prostheses.
    - (2) *Special qualifications*.
      - (a) Completion of an Advanced Specialty Education Program in Prosthodontics which is accredited by the American Dental Association and acceptable to The Surgeon General.
      - (b) Be able to perform duties of AOC 63A.
      - (3) *Special grading of positions*. For positions coded MAJ and above.
      - (4) *Unique duty positions*.
        - (a) Prosthodontist.
        - (b) Maxillofacial Prosthodontist.
        - (c) Program Director, Assistant Program Director, Training Officer; Advanced Specialty Education Program in Prosthodontics.
        - (d) Commander, Area Dental Laboratories.
        - (e) Instructor, Academy of Health Sciences.
        - (f) Prosthodontics Consultant, OTSG.
        - (g) Chief, Dental Laboratory Branch.
        - (h) Clinic Chief.
    - h. *Public Health Dentist (63H)*.
      - (1) *Description of duties*. Conducts research, studies and analyses of epidemiologic and dental health services issues. Makes recommendations on policies and programs of the dental health delivery system.
      - (2) *Special qualifications*.
        - (a) Completion of an Advanced Specialty Education Program in Dental Public Health which is accredited by the American Dental Association and acceptable to the Surgeon General.
        - (b) Be able to perform duties of AOC 63A.
        - (3) *Special grading of positions*. For positions coded MAJ and above.
        - (4) *Unique duty positions*.
          - (a) Dental Public Health Staff Officer.
          - (b) Dental Public Health Research Officer.
          - (c) Major Medical Command, Dental Public Health Officer.
          - (d) Dental Public Health Consultant, OTSG.
      - i. *Pediatric Dentist (63K)*.
        - (1) *Description of duties*. Examines, diagnoses, and treats or prescribes treatment for diseases, abnormalities, injuries, and defects of

- teeth and supporting structures for children from birth through adolescence, and special patients of any age who demonstrate mental, physical, and/or emotional handicaps.
- (2) *Special qualifications*.
  - (a) Completion of an Advanced Specialty Education Program in Pediatric Dentistry which is accredited by the American Dental Association and acceptable to The Surgeon General.
  - (b) Be able to perform duties of AOC 63A.
  - (3) *Special grading of positions*. For positions coded MAJ and above.
  - (4) *Unique duty positions*.
    - (a) Pediatric Dentist.
    - (b) Program Director, Assistant Program Director, Senior Resident Training Officer, Junior Resident Training Officer; Advanced Specialty Education Program in Pediatric Dentistry.
    - (c) Pediatric Dental Consultant, OTSG.
    - (d) Clinic Chief.
- j. *Orthodontist (63M)*.
  - (1) *Description of duties*. Examines, diagnoses, treats, or prescribes treatment of the growing and mature dentofacial structures to include movement of teeth; treats malformations of the craniofacial complex; and, in conjunction with oral and maxillofacial surgery, attains and maintains physiological health of the patient.
  - (2) *Special qualifications*.
    - (a) Completion of an Advance Special Education Program in Orthodontics which is accredited by the American Dental Association and acceptable to The Surgeon General.
    - (b) Be able to perform duties of AOC 63A.
    - (3) *Special grading of positions*. For positions coded MAJ and above.
    - (4) *Unique duty positions*.
      - (a) Orthodontist.
      - (b) Program Director, Assistant Program Director, Senior Resident Training Officer, Junior Resident Training Officer; Advanced Specialty Education Program in Orthodontics.
      - (c) Orthodontic Consultant, OTSG.
      - (d) Clinic Chief.
  - k. *Oral and Maxillofacial Surgeon (63N)*.
    - (1) *Description of duties*. Examines, diagnoses, and treats or prescribes treatment for conditions involving diseases, defect, or injury to the oral and maxillofacial region including oral and maxillofacial surgical procedures and adjunctive care.
    - (2) *Special qualifications*.
      - (a) Completion of an Advanced Specialty Education Program in Oral and Maxillofacial Surgery which is accredited by the American Dental Association and acceptable to The Surgeon General. Must possess a valid DDS, DMD, or a combination DDS/MD, DMD, MD degree.
      - (b) Be able to perform duties of AOC 63A.
      - (3) *Special grading of positions*.
      - (4) *Unique duty positions*.
        - (a) Oral and Maxillofacial Surgeon.
        - (b) Program Director, Assistant Program Director, Training Officer; Advanced Specialty Education Program in Oral and Maxillofacial Surgery.
        - (c) Chief, Surgery Branch, Dental Research Unit.
        - (d) Oral and Maxillofacial Surgery Consultant, OTSG.
        - (e) Chief, Department of Dentistry.
        - (f) Clinic Chief.
    - l. *Oral Pathologist (63P)*.
      - (1) *Description of duties*. Examines, diagnoses, treats, and studies diseases of dental and oral tissues. Provides forensic dental identification/support.
      - (2) *Special qualifications*.
        - (a) Completion of an Advanced Specialty Education Program in Oral Pathology which is accredited by the American Dental Association and acceptable to The Surgeon General.
        - (b) Be able to perform duties of AOC 63A.
        - (3) *Special grading of positions*.
        - (4) *Unique duty positions*.
          - (a) Oral Pathologist.

(b) Program Director, Assistant Program Director; Advanced Specialty Education Program in Oral Pathology.

(c) Chief, Pathology Branch, Dental Research Unit.

(d) Chairman, Department of Oral Pathology, AFIP.

(e) Oral Pathology Consultant, OTSG.

(f) Forensic Dentistry Consultant, OTSG.

m. *Executive Dentist (63R).*

(1) *Description of duties.* The AOC 63R is a duty position only and is considered specialty immaterial. A dental officer assigned to this duty AOC functions in a variety of command or staff positions through the Army Dental Card System as stated in paragraph (4) below.

(2) *Special qualifications.*

(a) Must have been awarded a primary AOC as described in paragraph (c) through (m) above. Must maintain clinical proficiency in their AOC.

(b) Should be a graduate of AMEDD Officer Advanced Course and the Command and General Staff College.

(c) Demonstrated success in previous leadership positions of increasing responsibility.

(3) *Special grading of positions.* Executive Dentist positions are coded LTC or COL.

(4) *Unique duty positions.*

(a) Dental Activity Commander/Director of Dental Services.

(b) Dental Unit Commander.

(c) Commander, Branch Chief; Dental Research Unit.

(d) Dental Staff Officer, DoD, OTSG, MACOM, Academy of Health Sciences.

(e) Dental Surgeon, Army, Corps, MACOM, Joint Command, STARC.

### **3-18. Veterinary Corps (64) (Proponent: Office of The Surgeon General)**

a. *Branch description.* The Veterinary Corps (VC) consists exclusively of commissioned officers who are qualified doctors of veterinary medicine. The Veterinary Corps encompasses those positions filled by officers in which the knowledge and skills required and the services performed are associated with the health and welfare of animals, the prevention of human illness from food or animal sources, the wholesomeness and quality of subsistence and experimental and comparative biomedical research. The functional areas of military medicine are: food, hygiene, safety and quality assurance, animal medicine, (primarily of government-owned animals), biomedical and subsistence research and development, prevention and control of animal disease of community health significance, preventive medicine, administration and teaching.

b. *Branch qualification.* Have a Doctor of Veterinary Medicine degree from a veterinary school in the United States or Canada accredited by the Council on Education of the Veterinary Medical Association. DA Pam 600-3 lists qualification for entry and promotion.

c. *Veterinarian (64A).*

(1) *Description of duties.* Recommends veterinary policies and doctrine and formulates veterinary plans. Plans, organizes, executes research and development, test and evaluation activities at headquarters levels. Plans, directs, supervises veterinary activities within a command. Serves as senior veterinary staff officer at headquarters level.

(2) *Special qualifications.* The AOC 64A is used for accession of Veterinary Corps Officers and identification of Veterinary specialty immaterial positions graded MAJ and above. The specialty immaterial for field grade will be coded 64A00. The incumbent must: be a field grade officer and must meet the qualifications from one of the MFA (75B through 75F) reflected in table 3-1; have demonstrated success in previous leadership positions of increasing responsibility; be a graduate of the AMEDD Officer Advanced Course; have successfully completed U.S. Army Command and General Staff College, or possess board certification, or be board eligible to hold positions at the LTC level; and have received board certification and

CGSC to hold positions at the COL level. Board eligibility/certification requirements are waiverable for the RC.

(3) *Special grading of positions.* For positions graded MAJ and above.

(4) *Unique duty positions.*

(a) Chief, Plans and Operation, OTSG.

(b) Chief, Animal Medicine Branch, OTSG.

(c) Chief, Veterinary Sciences Division.

(d) Chief, Veterinary Corps Branch.

(e) Veterinary Staff Officer, APPD.

(f) Veterinary Staff Officer, State Mobilization Site.

(g) Veterinary Staff Officer, Hq STARC, ARNG.

(h) Veterinary Staff Officer, Medical Bde.

(i) Veterinary Staff Officer, Medical Cmd.

(j) Veterinary Staff Officer, Hospital Center.

(k) Veterinary Staff Officer, HQ, Army.

(l) AF Team Commander.

(m) Deputy Commander, WRAIR.

(n) Commander, USAMRU.

(o) Senior Veterinarian.

### **3-19. Army Medical Specialist Corps (65) (Proponent: Office of The Surgeon General)**

a. *Branch description.* The Army Medical Specialist Corps is a special branch of the Army authorized by Section 3070 of Title 10 U.S. Code and is part of the Army Medical Department. The Corps is organized in four distinct sections: Occupational Therapy, Physical Therapy, Dietetics, and Physician Assistant. It is composed exclusively of certified occupational therapists, licensed physical therapists, registered dietitians, and students in the U.S. Army-Baylor University Physical Therapy Program, the Dietetic Internship Program and the Occupational Therapy Internship Program. These officers formulate policies and develop procedures for operation and improvement of their respective activities within fixed and field medical environments. They conduct and supervise the operation of these occupational therapy, physical therapy and dietetic programs and establish and execute quality assurance programs which ensure optimal standards are maintained. All three specialties assist the commander in implementing health promotion, wellness and readiness programs within the military community; participate in readiness and mobilization exercises; initiate and conduct field and clinical research and scientific studies; plan, direct and supervise educational and skill development programs for officers, enlisted personnel, civilian students and perform as staff officers within AMEDD and/or Army organizations.

b. *Branch qualification.* AR 135-101 lists qualifications for entry and professional development in this branch.

c. *Occupational Therapy (65A).*

(1) *Description of duties.* Plans, implements and supervises occupational therapy programs upon referral from medical officers and other health care personnel. These are programs of remediation, health maintenance, prevention, vocational adjustments, consultation in hospital/MTF and community settings to enhance task performance of mentally, emotionally and physically handicapped individuals. Services may include but are not limited to the following: Evaluation of competencies within life roles (for example, soldier, (MOS specific), occupational patterns, parent). Education and training to enhance habits, self care, coping skills and activities of daily living (ADL). Identification and evaluation of mental and physical stressors and teaching prevention and coping skills. Enhancement of psychosocial skills. Design and development of splints, special equipment and their application to disabilities. Use of physical reconditioning techniques to maintain fitness, hasten recovery, improve independence of self care and activities of daily living. The primary wartime role is: Upper extremity neuromusculoskeletal skills evaluation and treatment. Prevention and treatment of combat stress, and battle fatigue. Reconditioning and treatment to increase physical fitness, duty related skills and work performance to minimize return to duty time.

(2) *Special qualifications.*

(a) Possess baccalaureate or advanced degree awarded by an academic facility with an accredited curriculum in occupational therapy including field work experience (internship) acceptable to DA. Exceptions may be granted for those individuals whose internship is required for the awarding of the baccalaureate degree.

(b) Must be certified by the American Occupational Therapy Certification Board.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

d. *Physical Therapy (65B).*

(1) *Description of duties.* Plans and supervises physical therapy programs upon referral from medical or dental officer, or other health care professional. Serves as an independent practitioner and physician extender, evaluating, managing and providing treatment to patients with neuromusculoskeletal conditions. Primarily evaluates and treats disorders of human motion through the use of physical/chemical therapeutic means, (such as, skills, heat, cold, electricity, water, sound, light, gravity, as well as applied techniques of therapeutic exercise, joint mobilization biomechanics, pressure and traction). These methods assist the promotion of functional independence, healing and prevent or minimize the disability caused by disease, surgery or trauma. Serves as consultant to commanders and the military community providing guidance within the areas of physical fitness, physical training and injury prevention. Develops and conducts training programs on injury prevention and physical rehabilitation for medical and non-medical personnel. The primary wartime role is to provide burn and wound care, evaluation and treatment of patients with neuromusculoskeletal conditions to minimize return to duty time.

(2) *Special qualifications.*

(a) Must possess a baccalaureate or advanced degree from an accredited institution which has included a physical therapy education acceptable to DA. Exceptions may be made when special needs of the Army exist. If a graduate of the Army Physical Therapy Program is awarded a certificate instead of a master's degree they will not be extended beyond initial obligation unless they have obtained a master's degree.

(b) Must possess a current state license for physical therapy.

(3) *Special grade of positions.* None.

(4) *Unique duty positions.* None.

e. *Dietitian (65C).*

(1) *Description of duties.* During peacetime and mobilization or wartime formulates policies, develops procedures and directs and supervises the operation of nutrition care services and the provision of comprehensive nutrition care programs in fixed medical treatment facilities (MTF) and field medical units. Manages medical food preparation and service systems in MTF and field medical units. Ensures modified diets and foods are available and prepared for patients in MTF and field medical units. Coordinates and ensures the procurement and receipt of safe, wholesome food items/rations for patients and staff during wartime and peacetime. Provides nutrition health promotion programs for the military community and develops and directs nutrition education or dietary intervention programs for the military and military beneficiaries. During peacetime and wartime assists the physician with nutritional assessment and therapeutic dietary intervention of patients, and participates and conducts applied research. Serves as a consultant at all levels of nutrition related health and performance issues, and medical food service operation in MTF and field medical units. Develops, implements and directs nutrition and medical food service education programs for hospital food service specialists, dietetic interns and other medical personnel during peacetime and wartime. Assists the Army Surgeon General in executing his duties as the DOD Executive Agent for nutrition.

(2) *Special qualifications.*

(a) Possess Baccalaureate degree with major in either foods and nutrition/dietetics or institution management from college or university acceptable to DA.

(b) Have completed dietetic internship acceptable to DA.

(c) Possess baccalaureate degree in coordinated undergraduate

program or master's degree in dietetics/nutrition from a college or university acceptable to DA.

(d) Must be a Registered Dietitian.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

f. *Physician Assistant (65D).*

(1) *Description of Duties.* Plans, organizes, performs, and supervises troop medical care at Levels I and II. Directs services, teaches and trains enlisted medics, and performs as medical platoon leader or officer in charge in designated units. Manages subordinate personnel, facilities, and equipment required to operate troop clinics or other medical activities and organizations. Functions as special staff officer to the commander, advising on medically related matters pertinent to unit readiness and unit mission. Participates in the delivery of health care to all categories of patients and to all eligible beneficiaries. Prescribes courses of treatment and medication when required, and consistent with his capabilities and credentials. Interprets information in health records for application to current conditions and makes entries into the health record as a primary care provider. Orders diagnostic X-ray and laboratory procedures and writes consultations to specialty clinics and for ancillary services as appropriate. In the absence of a physician, the physician assistant will be the primary source of advice to determine the medical necessity, priority, and requirements for patient evacuation, and initial emergency care and stabilization. Supervises preparation of reports pertaining to medical activities. Functions as medical staff officer at battalion, brigade, division, Corps, major command (MACOM), and at DA level activities, advising the surgeon of the respective command and the Commander on medical matters. Functions as primary instructor and staff officer at the Academy of Health Sciences. After formal military and/or civilian schooling performs duties under the supervision of a physician in selected specialties. Functions as the primary medical officer reviewing and supervising the medical examinations of individuals in the personnel reliability program.

(2) *Special qualifications.* Must possess a baccalaureate degree from a college or university acceptable to the DA. A graduate of a physician assistant producing program acceptable to The Army Surgeon General and be certified by the National Commission on Certification of Physician Assistants.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* None.

### **3-20. Army Nurse Corps (ANC) (66) (Proponent: Office of The Surgeon General)**

a. *Branch description.* Provides the nursing care and services essential to the mission of the Army Medical Department. Responsible for all facets of nursing relating to the planning, management, operation, control, coordination and evaluation of all nursing practices. Responsible for the supervision, direction, education and training, evaluation and control of Army Nurse Corps officers, and civilian and enlisted personnel engaged in clinical nursing, nursing education, research and development, and administration. Makes recommendations concerning policies, programs and operations of health care activities.

b. *Branch qualification.* AR 135-100, AR 135-101, AR 601-100, and applicable ANC circulars in the DA Circular 601-FY-X series list qualifications for entry in this branch.

c. *Psychiatric/Mental Health Nurse (66C).*

(1) *Description of duties.* Provides specialized nursing services for emotionally distressed individuals and promotes mental health within the medical treatment facility and the adjacent military community. Performs liaison and consultative functions to ensure continuity of patient care.

(2) *Special qualifications.* Must be able to perform duties described above and—

(a) Have completed an AOC qualifying course in psychiatric nursing or 1 year developmental experience in psychiatric nursing.

(b) Be a graduate of an accredited nursing program acceptable to DA and hold current state license to practice nursing.

(3) *Special grading of positions.* Two Psychiatric/Mental Health

Nurse (Clinical Nurse Specialist) positions in the Medical Company, Combat Stress Control, and one position in the Medical Detachment, Combat Stress Control, will be graded MAJ; other Psychiatric/Mental Health Nurse positions in the Combat Stress Control units will be graded CPT.

(4) *Unique duty positions.*

- (a) Clinical Staff Nurse, Psychiatric/Mental Health.
- (b) Clinical Nurse Specialist, Psychiatric/Mental Health.
- (c) Clinical Head Nurse, Psychiatric/Mental Health.
- (d) Chief, Psychiatric/Mental Health Nursing Section.
- d. *Operating Room Nurse (66E).*

(1) *Description of duties.* Performs specialized professional nursing duties in any phase of the operative process for patients undergoing all types of surgery and provides safe supplies and equipment for operative services.

(2) *Special qualifications.*

(a) Must have completed an AOC qualifying course in operating room nursing or one year of supervised experience in operating room nursing.

(b) Be a graduate of an accredited nursing program acceptable to DA and hold current state license to practice nursing.

(3) *Special grading of positions.* In Forward Surgical Team, positions will be graded CPT.

(4) *Unique duty positions.*

- (a) Clinical Nurse, Operating Room.
- (b) Clinical Nurse Specialist, Operating Room.
- (c) Clinical Head Nurse, Operating Room.
- (d) Chief, Operating Room Nursing Section.
- e. *Nurse Anesthetist (66F).*

(1) *Description of duties.* Performs professional nursing duties of a specialized nature in the care of patients requiring general or regional anesthesia, respiratory care, cardiopulmonary resuscitation, and/or fluid therapy. General or regional anesthesia for surgical, diagnostic or therapeutic procedures; respiratory care, cardiopulmonary resuscitation, and/or fluid therapy.

(2) *Special qualifications.*

(a) Must have successfully completed an approved course in anesthesiology for nurses accredited by the American Association of Nurse Anesthetists (AANA) Council on Accreditation and be certified as a registered nurse anesthetist by the AANA Council on Certification. Certification as related to clinical proficiency must be continuous and authenticated every 2 years as specified by the Council on Recertification.

(b) Be a graduate of an accredited nursing program acceptable to DA and hold current state license to practice nursing.

(3) *Special grading of positions.*

(a) In Surgical Squad, Hq & Co A, Med Bn, Air Assault Div, (CPT).

(b) In Forward Surgical Team, positions will be graded CPT.

(4) *Unique duty positions.*

- (a) Clinical Staff Nurse, Anesthetist.
- (b) Chief, Anesthesiology Nursing Section.
- (c) Instructor, Anesthesiology Nursing.
- f. *Medical-Surgical Nurse (66H).*

(1) *Description of duties.* Provides professional nursing care and health promotion in military health treatment organizations and in the broader military community. Responsibilities may span ambulatory, medical-surgical, emergency, and critical care nursing.

(2) *Special qualifications.*

(a) Be a graduate of an accredited nursing program acceptable to DA and hold a current state license to practice nursing.

(b) Be a graduate of an accredited nursing program acceptable to DA and hold a current state license to practice nursing.

(3) *Special grading of positions.*

(a) Forward Surgical Team, positions associated with SI 8A will be graded MAJ. Other Medical-Surgical Nurse positions will be graded CPT.

(b) Medical Detachment, Minimal Care, Commander will be graded MAJ.

(4) *Unique duty positions.*

- (a) Clinical Staff Nurse, Medicine-Surgical Nursing.
- (b) Clinical Nurse Specialist.
- (c) Adult Ambulatory Care Nurse Practitioner.
- (d) Family Nurse Practitioner.
- (e) Clinical Head Nurse, Medical-Surgical Nursing.
- (f) Chief, Medical-Surgical Nursing.
- g. *Generalist Nurse (66N).*

(1) *Description of duties.* The AOC 66N is a duty position only and is considered AN specialty immaterial. A Nurse Corps officer assigned to this duty AOC functions in a variety of staff positions through the Army Medical Department as stated in paragraph 4 below.

(2) *Special qualifications.* Must have been awarded a primary AOC (66C, 66E, 66F or 66H). Must maintain clinical proficiency in their AOC.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

- (a) USAREC/ROTC Counselors.
- (b) PERSCOM ANC Staff.
- (c) DEMIS.
- (d) AMEDD Center & School, Teaching Positions.
- (e) Ch, Nursing Education and Staff Development.
- (f) Quality Assurance Officers.
- (g) Nursing Research Officers.
- (h) Ch, Clinical Nursing Service.
- (i) OTSG Staff.
- (j) MACOM/MEDCOM Headquarters Staff.
- (k) DOD AN Staff Officers.
- (l) ARPERCOM Staff Officers.
- (m) Infection Control Officers.
- (n) Special Projects Officers.
- (o) Ch, Nurse Admin Evenings/Nights.
- (p) Ch, Department of Nursing.
- (q) Ch, Amb Nursing Service.

### 3-21. Medical Service Corps (67) (Proponent: Office of The Surgeon General)

a. *Branch description.* Provides medical unique administrative, field medical, technical, scientific, and clinical services to the Army Medical Department and the Army. Assignments range from medical TDA and TOE units, to medical research, to serving as medical staff officers on major command staffs. The administrative duties of a Medical Service Corps officer include tactical and TDA hospital administration, patient administration, medical resource management, mental health, optometry and medical logistics. All Medical Service officers will be awarded one of the twenty three Medical Service Corps branch Area of Concentration (AOC), 67E, 67F, 67G, 67J, and/or Medical Functional Areas (MFA) 70A, 70B, 70C, 70D, 70E, 70F, 70H, 70K, 71A, 71B, 71E, 71F, 72A, 72B, 72C, 72D, 72E, 73A, 73B and will be further identified with branch code 67 (e.g., 70A67). The first two characters (numeric), such as 70, 71, 72 and 73 identify the MFA and the third character (alpha) identifies the specific specialty. For instance, 70C67 identifies a Medical Service Corps officer (branch 67), in the Health Services MFA (70) who is a Health Services Comptroller (70C). AOC 67E, 67F and 67G are stand alone AOCs and not associated with a MFA. AOC 67J is normally associated with a MFA 70, but these officers will retain AOC 67J as their primary AOC unless it is withdrawn. AOC 67A is used to identify Health Services immaterial positions that must be filled by officers holding MFA 70 AOC or AOC 67J. Likewise, AOC 67B (Laboratory Sciences), 67C (Preventive Medicine) and 67D (Behavioral Sciences) identify immaterial positions requiring officers holding an AOC in MFA 71, 72, and 73 respectively. The field medical responsibilities include patient evacuation, plans, operations and training, intelligence and serving as commanders and staff officers in various medical TOE units. The Medical Service Corps provides technical and scientific medical support that includes medical research, medical intelligence, pharmacological services, sanitary engineering, environmental health, clinical and environmental laboratory services in fixed facilities and tactical units. Further, Medical Service Corps officers provide clinical direct

patient care services that include audiology, podiatry, mental health, and optometry.

*b. Branch qualification.* DA Pam 600-4 lists the qualifications or entry and promotions in this branch.

*c. Health Services (67A).*

(1) *Description of duties.* Plans, directs, manages, administers and participates in the functioning of health care facilities and organizations; advises commanders at all levels on aspects of health care delivery and the management of health care facilities. Participates at all levels of command in establishing and implementing policies and procedures affecting the U.S. Army Health Care Delivery System. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

(2) *Special qualifications.* Must meet the qualifications from one of the AOC associated with MFA 70 as reflected in table 3-1 and be a graduate of the AMEDD Officer Basic Course. Must hold a baccalaureate degree from an accredited college/university in a discipline acceptable to The Surgeon General. Must have successfully completed the AMEDD Officer Advanced Course, CAS3, and the U.S. Army CGSC to hold executive positions at the LTC and COL levels. Specific duties and restrictions are referenced in table 3-1.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) Commander/Executive Officer, Brigade/Group/Battalion/Company/Detachment.

(b) Troop Commander, Medical Center (MEDCEN)/Medical Department Activity (MEDDAC).

(c) Commander/Executive Officer, Field/Evacuation Hospital.

(d) Commander/Executive Officer, Combat Support Hospital.

(e) Chief of Staff, Medical Command (MEDCOM).

(f) Deputy Commander for Administration, MEDDAC/MEDCEN.

(g) ACofS Plans, Intelligence and Operations, MEDCOM, Brigade and MEDCEN.

(h) ACofS Personnel, MEDCOM and Brigade.

(i) ACofS Comptroller, MEDCOM.

(j) ACofS Personnel Administration, Hospital Center and MEDCOM.

(k) Chief of Logistics, MEDCEN/MEDDAC.

(l) Chief, Personnel Division/Branch MEDCEN/MEDDAC.

(m) Chief, Resource Management Division MEDCEN/MEDDAC.

(n) Chief, Clinical Support Division.

(o) Executive Officer, Dental Activity (DENTAC).

(p) Chief, Health Services Admin Support Branch.

(q) Chief, Ambulatory Care Support Branch.

(r) Executive Officer, Medical Company.

(s) Director, Personnel and Community Activities, MEDCEN.

(t) Health Care Admin Officer.

(u) Medical Platoon Leader.

(v) Health Services Admin Assistant.

(w) Comptroller, OTSG/MACOM/MEDCOM/Staff.

(x) Health Services Program/Budget Officer.

(y) Health Services Management Analyst.

(z) Biomedical Systems Analyst.

(aa) Clinical Systems Management Analyst.

(ab) Health Services Systems Management Officer.

(ac) Health Services Operations Research Analyst.

(ad) Patient Admin Staff Officer.

(ae) Health Services Human Resource Manager.

(af) AMEDD Procurement Officer.

(ag) Adjutant/Adjutant General, Health Services Organizations.

(ah) Medical Plans, Operations, Intelligence, and Training Officer OTSG, HSG Army Hq, Unified and Joint Commands, MEDCOM, Brigade, Group, and Battalion.

(ai) Plans and Training Officer, MEDCOM, Brigade, MEDCEN and MED Facility.

(aj) Intelligence Officer, MEDCOM and Brigade.

(ak) Medical Training Officer and Instructor, AHS/Service School.

(al) Materiel of Services Management Officer, MEDCEN/MEDDAC.

(am) Property Management Officer, MEDCEN/MEDDAC Unit Commander.

(an) Medical Supply, Optical and Maintenance, Medical Supply, Optical and Maintenance (MEDSOM) Unit Commander.

(ao) Stock Control Officer, MEDSOM.

(ap) Medical Logistics Staff Officer.

(aq) Health Facilities Planner.

(ar) Medical Design Engineer.

(as) AMEDD Manpower Control Officer.

(at) AMEDD Personnel Survey Officer.

(au) Operations Research Analyst.

(av) Director, Regional Training Site-Medical.

*d. Laboratory Sciences (67B).*

(1) *Description of duties.*

(2) *Special qualifications.* Must meet the qualifications from one of the AOCs associated with MFA 71 as reflected in table 3-1 and be a graduate of the AMEDD Officer Basic Course. Professional qualifications for unrestricted practice in the MFA must be met. Must have successfully completed the AMEDD Officer Advanced Course and CAS3 to hold executive positions at the LTC level, and must have successfully completed the U.S. Army Command General Staff College (CGSC) to hold executive positions at the COL level. Specific duties and restrictions are referenced in table 3-1.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) Microbiologist.

(b) Bacteriologist.

(c) Biochemist.

(d) Toxicologist.

(e) Parasitologist.

(f) Environmental Chemist.

(g) Serologist.

(h) Immunologist.

(i) Clinical Laboratory Officer.

(j) Laboratory Manager.

(k) Physiologist.

(l) Research Psychologist.

(m) Immunohematologist.

(n) Pharmacologist.

*e. Preventive Medicine Sciences (67C).*

(1) *Description of duties.* Plans, directs, administers, and participates in activities relating to various facets of nuclear medicine science, entomology, sanitary engineering, and audiology. Clinical duties are job specific, but all include research, staff assignments, instructor positions, and involve evaluation of hazards relating to the health, morale and the environment of personnel for whom DA is responsible, and/or any activity that will improve the health and well-being of the soldier. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

(2) *Special qualifications.* Must meet the qualifications from one of the MFAs associated with this AOC as reflected in table 3-1 and be a graduate of the AMEDD Officer Basic Course. Professional qualifications for unrestricted practice in the MFA must be met. Must have successfully completed the Principles of Military Preventive Medicine course immediately or as soon as possible following AMEDD Officer Advanced Course. This requirement is waived for U.S. Army Reserve Officers pending development of a correspondence course option. Must have successfully completed the AMEDD Officer Advanced Course and CAS3 to hold executive positions at the LTC level, and must have successfully completed the U.S. Army CGSC to hold executive positions at the COL level. Specific duties and restrictions are referenced in table 3-1.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) Nuclear Medical Science Officer.

(b) Radiation Protection Officer.

(c) Radiological Hygiene Staff Officer.

(d) Research Investigator.

(e) Entomologist.

- (f) Medical Entomologist.
- (g) Environmental Science Staff Officer.
- (h) Sanitary Engineer.
- (i) Audiologist.
- (j) Hearing Conservation Officer.
- (k) Environmental Health Officer.
- (l) Environmental Engineer.

f. Behavioral Sciences (67D).

(1) *Description of duties.* Plans, directs, and administers programs and services relating to clinical psychology and social work. These programs promote all aspects of mental health and the social well-being of all personnel entitled to care. This officer educates, consults, and develops policies on various subjects emotional and mental health in his/her AOC. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

(2) *Special qualifications.* Must meet the qualifications from one of the AOCs associated with MFA 73 as reflected in table 3-1 and be a graduate of the AMEDD Officer Basic Course. Professional qualifications for unrestricted practice in the MFA must be met. Must have successfully completed the AMEDD Officer Advanced Course and CAS3 to hold executive positions at the LTC level, and must have successfully completed the U.S. Army CGSC to hold executive positions at the COL level. Specific duties and restrictions are referenced in table 3-1.

(3) *Special grading of positions.* One MFA 73B positions in the Special Operations Aviation (SOA) Regiment Hq will be graded MAJ.

- (4) *Unique duty positions.*
- (a) Behavioral Sciences Consultant.
- (b) Social Work Officer.
- (c) Social Service Consultant.
- (d) Social Work Service Chief.
- (e) Consulting Psychologist.
- (f) Clinical Psychologist.
- (g) Counseling Psychologist.

g. Pharmacy (67E).

(1) *Description of duties.* Plans, implements, directs, executes, and evaluates pharmaceutical care activities in MTOE/TDA organizations, both CONUS and OCONUS. Duties include clinical and consultative pharmacy, and pharmacy management administration.

(2) *Special qualifications.* Must be a graduate of an accredited school of pharmacy acceptable to The Surgeon General, possess a current license to practice pharmacy in the United States, U.S. Territories or the District of Columbia, and be a graduate of the AMEDD Officer Basic Course. Must have successfully completed the AMEDD Officer Advanced Course and CAS3 to hold executive positions at the LTC level, and must have successfully completed U.S. Army CGSC to hold executive positions at the COL level.

(3) *Special grading of positions.* None.

h. Optometry (67F).

(1) *Description of duties.* Serves as a primary health care provider in various fixed and field medical organizations, independently conducts examinations to detect, prevent, diagnose, treat, and manage ocular related disorders; that is, injuries, diseases, and visual dysfunctions. Uses diagnostic and therapeutic pharmaceutical agents (TPA) and medical/surgical instruments. Prescribes spectacle and contact lenses, TPA, and other therapy. Duties include consultation in such areas as occupational vision. The wartime mission also includes the diagnosis and treatment of laser induced injuries on the battlefield. Duties are performed in MTOE/TDA organizations, both CONUS and OCONUS.

(2) *Special qualifications.* Must be a graduate of an accredited school of optometry acceptable to The Surgeon General, possess a current license to practice optometry in the United States, U.S. Territories or the District of Columbia, and be a graduate of the AMEDD Officer Basic Course. Professional qualifications for unrestricted practice must be met. Must have successfully completed the AMEDD Officer Advanced Course and CAS3 to hold executive positions at the LTC level, and must have successfully completed U.S. Army CGSC to hold executive positions at the COL level.

- (3) *Special grading of positions.* None.
- (4) *Unique duty positions.*
- (a) Assistant Chief, Medical Service Corps.
- (b) Optometry Consultant.
- (c) Cmdr/Dean USA Medical Equipment and Optical School.
- (d) Chief, Optometry Service.
- (e) Optometrist.
- (f) Optical Laboratory Officer.
- (g) Optometry Research and Developer.
- (h) Occupational Vision Consultant.
- (i) Instructor, Service School.

i. Podiatry (67G).

(1) *Description of duties.* Examines, diagnoses, and treats or prescribes courses of treatment for personnel suffering from diseases, injuries, or disorders of the feet. Podiatric clinic professional care includes inpatient and outpatient surgical and non-surgical treatment and consultative services. Supervises administrative requirements for the podiatry clinic. Performs surgery under general supervision of an orthopedic or general surgeon in TDA settings.

(2) *Special qualifications.* Requires a Doctor of Podiatric Medicine degree, a license to practice podiatry and a one year podiatric surgical residency accredited by the Residency Review Committee for the American Podiatric Medical Association (APMA) and acceptable to The Surgeon General. Professional qualifications for unrestricted practice must be met. Must have graduated from the AMEDD Officer Basic Course and successfully completed the AMEDD Officer Advanced Course and CAS3 to hold executive positions at the LTC level, and must have successfully completed U.S. Army CGSC to hold executive positions at the COL level.

(3) *Special grading of positions.* None.

- (4) *Unique duty positions.*
- (a) Podiatric Consultant, OTSG.
- (b) Chief, Podiatry Service.
- (c) Podiatrist.

j. Aeromedical Evacuation (67J).

(1) *Description of duties.* Serves as a specially trained aeromedical evacuation aviator in a variety of key positions. Pilots assigned aircraft on aeromedical evacuation missions which supervise in-flight treatment to sustain human life and relieve suffering. Possesses full knowledge of AMEDD doctrine, organization, and equipment. Tactically employs medical aircraft, personnel, and equipment in support of land combat operations in varying tactical, terrain, and climatic environments using a variety of flying techniques and equipment. Duties include staff positions at various levels, service schools and/or training centers instructor, aviation maintenance and safety, research and development, advisory duty with Reserve Component Aviation units, and other roles as required. Duties are performed in a variety of MTOE/TDA organizations, both CONUS and OCONUS.

(2) *Special qualifications.* Must hold a baccalaureate degree from an accredited college/university in a discipline acceptable to The Surgeon General, be a graduate of the AMEDD Officer Basic Course and be selected for the Rotary Wing Aviator Course. Must successfully complete the Essential Medical Training for AMEDD Aviators Course (2C-F7 Course) and maintain qualifications for unrestricted utilization as an Aeromedical Evacuation Officer. Before entering the MAJ promotion window, officers must have successfully completed the AMEDD Officer Advanced Course and CAS3. To hold executive positions at the LTC and COL levels, must have successfully completed the U.S. Army CGSC and should possess masters degree from an accredited program acceptable to The Surgeon General in a discipline related to one of the AOC in the MFA 70. Specific duties and restrictions are referenced in table 3-1.

- (3) *Special grading of positions.* None.
- (4) *Unique duty positions.*
- (a) Aeromedical Evacuation Consultant.
- (b) Commander, Air Ambulance Unit.
- (c) Platoon/Section Leader, Air Ambulance Unit.
- (d) Aeromedical Evacuation Staff Officer.

- (e) Aeromedical Operations Officer.
- (f) Medical Aviation Research and Development Staff Officer.

### 3-22. Chemical (74) (Proponent: Chemical School)

*a. Branch descriptions.* Advises commander and staff on chemical and nuclear employment, defensive actions involving chemical, biological and radiological warfare, and plans for use of and defense against smoke and flame employment. Plans and recommends NBC training activities. Performs functions involving the life cycle management of chemical munitions and materiel. Plans and directs the activities of chemical units.

*b. Branch qualifications.* DA Pam 600-3 lists qualifications for entry and professional development in this branch.

*c. Chemical, General (74A).*

(1) *Description of duties.* Designates positions which require skills involving general knowledge of Chemical Corps functions, basic management skills and command of chemical battalions, companies and platoons.

(2) *Special qualifications.* None.

(3) *Special grading of positions.*

(a) Company Commander graded MAJ in Biological Detection Company (BIDS).

(b) Platoon Leader graded CPT in Biological Detection Company (BIDS).

(4) *Unique duty positions.* Technical Escort.

*d. Chemical Operations and Training (74B).*

(1) *Description of duties.* Designates positions which include requirements to prepare plans, recommend chemical and biological defensive and radiological training, and operational activities. Conducts inspections of assigned or attached units to determine adequacy of training and condition of NBC equipment. Determines suitability and recommends employment of chemical and nuclear weapons. Recommends plans for use of, and defense against employment of incendiary materiel and smoke/obscurants. Prepares plans for NBC training of individuals and units. Plans for and supervises NBC decontamination operations. Advises commander and staff on nuclear/chemical surety and NBC operations and training. Prepares nuclear/chemical accident incident control plans. Responsible for the operations of the Nuclear Biological Chemical Element (NBCE).

(2) *Special qualifications.* None.

(3) *Special grading of positions.*

(a) Company Commander graded MAJ in Biological Detection Company (BIDS).

(b) Platoon Leader graded CPT in Biological Detection Company (BIDS).

(4) *Unique duty positions.* Technical Escort.

*e. Chemical Munitions and Materiel Management (74C).*

(1) *Description of duties.* Designates positions involved in the life cycle management of chemical munitions and/or materiel. Involves development, design, acquisition, implementation, and operation of procurement programs. Initiates cost forecasting, contract formulation and price analysis. Determines storage and storage monitoring requirements. Directs quality assurance and surveillance. Develops procedures for receipt, issue, and maintenance. Directs preparation of inspection reports, records, evaluation, production, and testing.

(2) *Special qualifications.* None.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.* Technical Escort.

### 3-23. Transportation Corps (88) (Proponent: Office Chief of Transportation)

*a. Branch description.* Manages all facets of transportation related to the planning, operation, coordination and evaluation of all methods of transportation including multi-modal systems. Commands all types of transportation, movement control and logistical organizations tasked with controlling and carrying out personnel, cargo-movements, or logistics requirements within a geographic area(s). Recommends priorities; coordinates tasks; documents cargo

and/or personnel to be transported; allocates resources; and determines mode(s) necessary for the optimum utilization of assets and timely mission accomplishment. Works closely with members of the sister services, and host country personnel on all manner of transportation plans and operations to include logistical support. Possesses expert knowledge of commercial transportation industries and practices in order to provide timely and adequate support for military/Government requirements. Plays a key role in the research, development, procurement, and life cycle management of transportation related equipment and systems. Acts as a transportation instructor advisor, staff/exchange officer with U.S. Forces or allied nations.

*b. Branch qualifications.* DA Pam 600-3 lists qualifications for entry into and professional development in this branch.

*c. Transportation, General (88A).*

(1) *Description of duties.* Transportation or logistical unit/activity commander or staff officer responsible for the functional planning, coordination, procurement and control of the movement of materiel, personnel, or personal property on commercial and military transport; and the correlation of all facets of transportation pertaining to water, air, highway, rail and multi-modal transport systems including the assessment of transportation capabilities and the integration of transport functions, facilities and plans. Experience in two or more transportation modes (highway, rail, air, or water) is desirable.

(2) *Special qualifications.* None.

(3) *Special grading of positions.* None.

(4) *Unique duty position.* Watercraft or Vehicle Project/Product Manager.

*d. Traffic Management (88B).*

(1) *Description of duties.* Encompasses positions involving the planning, procurement, coordination and control of the movement of personnel, personal property, and freight worldwide by military or commercial transport. Since United States and foreign commercial transportation industries provide the bulk of the service and assets needed to meet DoD requirements, the Traffic Manager ensures that all assets and services are economically feasible and judiciously employed. Special skills and knowledge required may include rate/tariff determination and knowledge of Federal/state or host country regulations and customs laws pertaining to the movement of materiel and personnel by commercial or military means. Multi-modal transportation experience is required in selected positions.

(2) *Special qualifications.* None.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) Installation Transportation Officer.

(b) Movement Control Agency/Center Unit Commander.

(c) Passenger/Freight/Personal Property Movements Officer.

(d) Director of Inland Traffic Military Traffic Management Command (MTMC).

(e) Director of Personal Property (MTMC).

(f) Traffic Engineer.

*e. Marine and Terminal Operations (88C).*

(1) *Description of duties.*

(2) *Special qualifications.* None.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) Watercraft Unit Commander/Officer.

(b) Terminal Service/Transfer Unit Commander/Officer.

(c) Director International Traffic (MTMC).

(d) Terminal Operations/Documentation Officer.

(e) Terminal or Port Commander.

(f) Marine Maintenance Officer.

*f. Motor/Rail Transportation (88D).*

(1) *Description of duties.* Commander of or staff officer in a unit or activity involved in truck (motor) or rail transport planning, operations and management. Plans for and directs the utilization of equipment to include maintenance, safety, and routing, embracing the coordination with and utilization of host nation assets and road or rail networks. Plans for and accomplishes the expeditious movement of both personnel and cargo by motor or rail world-wide. May serve as a liaison officer with or contract administrator for both DoD, commercial or host country motor/rail assets, service, and

movement requirements. Knowledge of U.S. reserve forces rail operations, procedures, and capabilities desired.

- (2) *Special qualifications.* None.
- (3) *Special grading of positions.* None.
- (4) *Unique duty positions.*
  - (a) Rail Transport Plans Officer.
  - (b) Rail Transport Staff Officer.
  - (c) Rail Equipment Maintenance Officer.
  - (d) Motor Transport Plans Officer.
  - (e) Motor Transport Staff Officer.

### **3-24. Ordnance (91) (Proponent: Chief of Ordnance)**

*a. Branch description.* Plans and directs the activities of Army units and organizations engaged in one or more of the following activities:

(1) Materiel management and maintenance of armament, tank and ground mobility equipment, wheeled and general purpose vehicles, ground support materiel, and other mechanical equipment and associated nonmechanical equipment except for medical, aerial delivery, and cryptographic materiel.

(2) Materiel management and maintenance of missile/electronic systems materiel including missile rounds and associated guidance launching, handling and test equipment; command and control systems; directed energy systems; and logistics space systems; and test measurement, and diagnostic equipment (TMDE).

(3) Materiel management and maintenance of conventional and nuclear munitions and warheads, and associated maintenance, test and handling equipment.

(4) Detection, identification, rendering safe, recovery, or destruction of hazardous U.S. and foreign munitions. Advises the commander on logistical matters and the unit capability to perform its mission. Performs in a variety of positions related to materiel management involving activities such as organizational, direct, and general support maintenance, production control, calibration, repair parts supply, quality assurance/quality control, (QA/QC), technical assistance, coordination, training and research and development. Responsible for logistical training in coordination with the S3 or G3. Maintains necessary liaison concerning logistical activities.

*b. Branch qualifications.* DA Pam 600-3 lists qualifications for entry and professional development in this branch.

*c. Ordnance, General (91A).*

(1) *Description of duties.* This is a position code only. An officer who fills this position will serve as a commander or staff officer of an organization with responsibility for two or more ordnance-related functions. Duties and responsibilities deal with general ordnance-related activities rather than more specific functions which pertain to only one Ordnance Area of Concentration.

(2) *Special qualifications.* None.

(3) *Special grading of positions.* For positions coded MAJ and above.

(4) *Unique duty positions.*

- (a) Assistant Chief of Staff, Maintenance.
- (b) Commander, Multifunctional Support Unit.
- (c) Corps Support Command Materiel Management Officer.
- (d) Ordnance Staff Officer, Logistics Center.
- d. *Maintenance Management (91B).*

(1) *Description of duties.* Commands or serves as a staff officer or manager in a unit, activity, or organization which provides maintenance or logistical support for all types of Army materiel. As a staff officer, formulates policy, and directs and coordinates staff functions related to maintenance and logistics-associated activities of the command. Serves in multifunctional positions at all levels of maintenance primarily engaged in direct support/general support maintenance of tanks, TMDE, electronic equipment, vehicles, air defense artillery weapons systems, land combat support systems and associated equipment.

(2) *Special qualifications.* Must have completed the Ordnance Maintenance Management Officer Basic Course, Advanced Course with Automotive Track, or technical qualification course or have

waiver from the Commandant, U.S. Army Ordnance Center and School.

(3) *Special grading of positions.* Company Commander positions in Special Weapons Ordnance Missile Materiel Company, DS/GS will be graded MAJ.

(4) *Unique duty positions.*

- (a) Platoon Leader.
- (b) Maintenance Officer.
- (c) Materiel Management Officer.
- (d) Maintenance Management Officer.
- (e) Materiel Officer.
- (f) Operations Officer.
- (g) Director of Maintenance.
- e. *Munitions Materiel Management (91D).*

(1) *Description of duties.* Commands or serves as a staff officer of units or activities engaged in direct and general support maintenance of light air defense missile/weapon systems and supporting radars; air defense and land combat missile systems, and associated guidance launch handling, and test equipment; electronic command and control systems, directed energy systems; and logistics space systems. Serves in command and staff positions involving logistical aspects of missile/electronics systems materiel.

(2) *Special qualification.* Must have completed the Missile Materiel Officer Basic Course, Advanced Course with Missile Track or technical qualification course or have a waiver from the Commandant, U.S. Army Ordnance, Missile and Munitions Center and School, Redstone Arsenal, AL.

(3) *Special grading of positions.* Company Commander positions in Special Weapon's Ordnance Company, Ammunition, DS/GS and Ordnance Company, Ammunition, DS/GS will be graded MAJ.

(4) *Unique duty positions.*

- (a) Missile Support Company/Detachment Commander.
- (b) Missile Maintenance Officer.
- (c) Electronic Maintenance Officer.

f. *Explosive Ordnance Disposal (91E).*

(1) *Description of duties.* Commands or serves as a staff officer of units or activities responsible for explosive ordnance disposal (EOD) operations or control. EOD functions include the locating, rendering safe, removing and subsequent disposing and salvaging of unexploded conventional and special explosive ordnance (nuclear, biological and chemical munitions).

(2) *Special qualifications.* Must have completed Ammunition Officer Basic, Advanced with Munitions Track, and/or technical qualification course or have a waiver from the Commandant, USAOMMCS, Redstone Arsenal, AL. Must have completed all three phases of EOD training (Phase I at USAOMMCS and Phases II and III at the U.S. Naval Explosive Ordnance Disposal School).

(3) *Special grading of positions.* None.

(4) *Unique duty position.*

- (a) EOD Control Center Commander.
- (b) Technical Escort.

### **3-25. Quartermaster Corps (92) (Proponent: Office of the Quartermaster General)**

*a. Branch description.* Plans and directs the activities of Army units and organizations engaged in the acquisition, receipt, storage, preservation, and issue of equipment, repair parts, fortification/construction materiel, subsistence, petroleum products, water, and other general supplies (excluding ammunition, medical, and cryptographic materiel). Responsible for storage, maintenance, distribution, and disposal of air items, parachute packing, and preparation of cargo for aerial delivery. Coordinates and directs the collection of salvage, and/or abandoned property, unserviceable supplies and equipment and the disposition of such items through proper channels. Commands or directs units responsible for providing service support in the areas of laundry and shower, mortuary affairs, aerial delivery, Army Exchange operations, and the renovation of clothing and textiles. Manages subsistence, to include procurement, storage, issue, sales, accountability, preparation of subsistence supplies, and operation of commissary sales stores. Responsible for petroleum operations and management, to include procurement of petroleum

products, determination of bulk and package petroleum requirements, storage, distribution and quality assurance. Makes recommendations on matters pertaining to supply and service support and other logistical matters. Establishes and maintains necessary supply discipline procedures to ensure the maximum utilization of available assets. Responsible for logistical training in coordination with the G3/S3. Primary planner for logistical support (supply and services) within the command.

*b. Branch qualification.* DA Pam 600-3 lists qualifications for entry and professional development in this branch.

*c. Quartermaster, General (92A).*

(1) *Description of duties.* Commands or exercises staff responsibility for units engaged in supply and service and other logistical support. Plans and directs activities of personnel and units responsible for the receipt, storage, and issue of all commodities of supply (excluding ammunition, medical and cryptographic materiel). Responsible for ensuring service support functions including, but not limited to, mortuary affairs, clothing and textile renovation, laundry and shower, subsistence and aerial delivery. Directs and supervises the collection, evacuation, and accountability for all classes of supply classified as salvage, surplus, abandoned, or uneconomically repairable. As a logistics staff officer, advises the commander on logistical matters and unit mission capabilities. Also identifies positions requiring general quartermaster experience or training.

(2) *Special qualifications.* None.

(3) *Special grading of positions.*

(a) Commander, Quartermaster Force Provider Company will be graded MAJ.

(b) S4 of the Special Operations Aviation (SOA) Assault Helicopter Battalion will be graded MAJ.

(4) *Unique duty positions.*

(a) Supply and Service Staff Officer.

(b) Logistics Operations/Plans Officer.

(c) Brigade S4.

(d) Assistant S4 of the SOA Regiment.

(e) S4 of the SOA Assault Helicopter Battalion, Medium Helicopter Battalion and Aviation Battalion.

(f) Mortuary Affairs Officer.

(g) Subsistence Officer.

*d. Supply and Materiel Management (92B).*

(1) *Description of duties.* Directs, plans and implements the multifunctional areas of materiel management and their integration into the overall DoD logistics system as well as the support interface between the Army in the field, wholesale logistics, and industry. Plans and directs the activities of units engaged in the supply of more than two commodities (excluding medical, ammunition and cryptographic materiel). Commands, directs, and/or exercises staff supervision of units engaged in the production, acquisition, receipt, storage and preservation, issue, and distribution of equipment, repair parts, fortification/construction materiel, subsistence and general supplies. Commands, directs, plans and/or exercises staff responsibility for units engaged in the collection, reclamation and final disposition of salvage, surplus, abandoned property, and unserviceable supplies and equipment. Serves as the focal point for property management and accountability procedures. As a staff officer, advises the commander on matters regarding supply and services support and other logistical functions. As a materiel manager, develops coordinates, and supervises the supply support portion of integrated logistics support plans. Develops and executes materiel management programs, to include inventory control and distribution throughout the logistics system. Determines and plans for storage requirements for field and permanent depot activities to include location, site selection, site preparation, organization of the physical plant, employment of Materiel Handling Equipment (MHE), utilization of soldiers, packing and crating, physical security, humidity and vector control. As an Army Exchange Officer, develops plans and programs for current and future operations of installation exchanges and other sales outlets. Directs or commands operations in overseas installations as a Regional Exchange Officer.

(2) *Special qualifications.* None.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) Supply Management Officer, MMC, Depot.

(b) Commander, MMC.

(c) Materiel Control Officer.

(d) Storage Officer, Depot.

(e) Clothing and Textile Materiel Management Officer.

(f) Chief, Inventory Management Branch.

(g) Regional Commander, Exchange System.

(h) Area Exchange Officer.

(i) Brigade/Group S4.

*e. Aerial Delivery and Materiel (92D).*

(1) *Description of duties.* Determines requirements for and plans the employment of aerial delivery systems in support of tactical and special operations. Commands, directs, supervises, and trains personnel engaged in the storage, packing, and preparation of materiel to be delivered by air; supply of aerial delivery equipment; and delivery of materiel by air. Plans and supervises the inspection, repair, testing, packing, rigging, and storage of parachutes, allied assemblies, aerial delivery containers, airdrop kits, cargo parachutes, and other airdrop retardation devices. Advises and assists in the coordination of transportation requirements to include recovery of airdrop equipment.

(2) *Special qualifications.* Must be a qualified parachutist and a graduate of the Aerial Delivery and Materiel Officer Course conducted by the U.S. Army Quartermaster School.

(3) *Special grading of positions.* Positions as Aerial Delivery Officer in the Special Operations Aviation (SOA) Assault Helicopter Battalion and Aviation Battalion will be graded CPT.

(4) *Unique duty positions.*

(a) Air Equipment Repair and Supply or Airdrop Unit Commander.

(b) Airdrop Research and Development/Test and Evaluation Project Officer.

(c) Aerial Delivery Staff Officer.

(d) Parachute Officer.

*f. Petroleum and Water (92F).*

(1) *Description of duties.* Commands or exercises staff responsibility for units engaged in petroleum and/or water operations. Directs acquisition, storage, inspection, testing, issue and distribution of petroleum products and water. Serves in staff positions requiring petroleum and water experience. Determines bulk and packaged petroleum products and water requirements, storage space requirements, distribution system requirements, and quality surveillance requirements. Recommends location of petroleum and water pipeline and hoseline routes, terminals, supply points, and depots; advises on water and bulk petroleum distribution system design. Directs preparation of reports and maintenance of records pertaining to petroleum accounting and distribution operations. Directs the operations and user maintenance of water and petroleum pipelines, hoselines, terminal, and dispensing systems. Plans, coordinates, and supervises loading and discharge of ocean-going tankers and other petroleum vessels. Performs and directs quality surveillance at point of procurement and throughout the petroleum distribution system. Directs operation of base or mobile laboratories in testing of petroleum products. Supervises performance of standard physical and chemical tests, evaluates test results to insure products meet Federal and military specifications, and recommends disposition of off-specification or captured petroleum products. Determines water requirements; establishes and directs operation of water purification, storage, distribution and issue systems in support of field operations. Develops, directs and coordinates water conservation programs when appropriate. Develops, directs, and coordinates unit procedures and programs on the environmentally sound handling of petroleum, waste water, and water treatment chemicals. Monitors waste disposal procedures for waste produced by unit petroleum and water operations. Reports unit petroleum, waste water, and water treatment chemical spills per applicable laws, regulations, and policies. Monitors unit spill containment and clean up operations.

(2) *Special qualifications* Must be a graduate of the Petroleum Officers Course (POC), or have equivalent training and practical

experience, or possess a degree in petroleum engineering or management, or training with industry.

(3) *Special grading of positions.* None.

(4) *Unique duty positions.*

(a) Commander, Defense Fuel Region.

(b) Water Production and Distribution Officer.

## Section II Functional Areas

### 3–26. Military Intelligence (35) (Proponent: Office Chief of Military Intelligence)

Selected AOC within MI Branch are designated as Functional Area (FA) for use with AOC 15C, Aviation All-Source Intelligence. The specific MI AOC available for use with AOC 15C are 35D (All Source Intelligence) and 35G (Signals Intelligence Electronic Warfare).

### 3–27. Psychological Operations (PSYOP) and Civil Affairs (CA) FA 39 (Proponent: JFK Special Warfare Center and School)

a. *Functional area description.* Encompasses positions which require officers possessing special skills relating to the conduct of PSYOP or CA. Additionally, these highly educated officers must have critical skills associated with a specific region of the world, foreign language expertise, political-military awareness, and cross-cultural communications. PSYOP and CA officers perform critical roles across the spectrum of conflict at all levels of command. In addition, both PSYOP and CA have companies, battalions, and one PSYOP group level command, which perform significant missions in support of Conventional and Special Operations, theater, and national objectives. PSYOP and CA officers play critical roles in foreign internal defense and unconventional warfare as well as other missions directed by the national command authority, in peace and war.

b. *Functional area qualifications.* DA Pam 600-3 lists qualifications for entry and professional development in this functional area.

c. *PSYOP or CA, General (39A).*

(1) *Description of duties.* Identifies those few positions in which either a CA or PSYOP officer may serve.

(2) *Special qualifications for both Psychological Operations and Civil Affairs Officers.*

(a) Be fully qualified as a CPT in primary branch.

(b) Have a Defense Language Aptitude Battery (DLAB) score of 85 or above, or, possess a measurable ability in a foreign language.

(c) Male or female managed by the Officer Personnel Management Directorate.

(d) Be eligible for TOP SECRET security clearance under the provisions of AR 380-67.

(e) Be airborne qualified or volunteer for airborne training (if required).

(f) Possess a baccalaureate degree, preferably in social/political science or related disciplines, from an accredited college or university.

(3) *Special grading of positions.* For positions graded CPT and above.

(4) *Unique duty positions.* None.

d. *Psychological Operations (39B).*

(1) *Description of duties.* Commands or serves on the staff of PSYOP units. Serves as PSYOP staff officer in S3/G3 at separate brigade, division, Corps, Theater Army and higher level. Serves in positions requiring general PSYOP experience and extensive training. Advises U.S. military and/or civilian agencies on use, planning, conduct and evaluation of psychological operations throughout the entire conflict spectrum, advises and instructs foreign governments and militaries on psychological operations. Most positions require regional and language expertise appropriate for specific assignments.

(2) *Special qualifications.* Foreign language, cultural/regional expertise, and graduate level education is appropriate for most PSYOP assignments.

(3) *Special grading of positions.* Due to the requirement for extensive civilian education, language and functional military training and sensitive nature of PSYOP missions, requiring direct interface with U.S. and foreign national dignitaries without immediate supervision or guidance, the following PSYOP positions will be graded MAJ:

(a) Commander, PSYOP Regional Support Company.

(b) Commander, PSYOP Tactical Support Company.

(c) PSYOP Officer, Product Development Center (PDC) Headquarters (Hq), PSYOP Regional Support Company.

(d) PSYOP Officer, Division PSYOP Support Element (DPSE), PSYOP Tactical Support Company.

(e) Commander, PSYOP Strategic Dissemination Company.

(f) Commander, PSYOP Enemy Prisoner of War (EPW) Company, Enemy Prisoner of War Battalion.

(g) PSYOP Officer, EPW Camp Team Headquarters.

(h) PSYOP Officer, EPW Collection Facility, Team Headquarters.

(4) *Position coding.* Most PSYOP positions require AERB validation. The coding of manpower documents to indicate this requirement is the responsibility of the command where such positions reside.

(5) *Unique duty position.* None.

e. *Civil Affairs (39C).*

(1) *Description of duties.* Commands or serves on the staff of CA units. Serves in positions requiring general CA experience and extensive training, in S5/G5 at separate brigade, division, corps, and theater army and higher levels. Prepares economic, cultural, governmental and special functional studies, assessments, and estimates. Coordinates with, enhances, develops, establishes, or controls civil infra-structures in operational areas to support friendly operations. Provides CA advice and assistance to Division, Corps, and Army Commanders, civil para-military, and military leaders, commanders and agencies. Directs and participates in the conduct of CA conventional, foreign internal defense, unconventional warfare, civil administration and other operations. Develops cross-cultural communicative and linguistic skills that facilitate inter-personal relationships in a host country environment.

(2) *Special qualifications.* Foreign language and cultural/regional expertise, and graduate level education is appropriate for most Civil Affairs assignments.

(3) *Special grading of positions.* CA company and detachment commander positions will be graded MAJ. These commanders, when deployed, direct CA missions independently without immediate supervision and interface directly with high ranking U.S. and foreign nationals.

(4) *Position coding.* Most CA positions require AERB validation. This coding of manpower documents to indicate this requirement is the responsibility of the command where such positions reside.

(5) *Unique duty positions.* None.

f. *Psychological Operations and Civil Affairs, Designated (39X).* AOC 39X is used for personnel classification only to identify untrained officers accessed into FA 39 to indicate the officer does not meet the functional area qualification(s) outlined in DA Pam 600-3, paragraph 39-5. Upon completion of formal training or education the officer will be awarded the appropriate FA 39 AOC. AOC 39X will not be used to code positions on authorization documents.

### 3–28. Personnel Programs Management (41) (Proponent: Adjutant General School)

a. *Functional area description.* Identifies those positions involved with, and those officers qualified in, the planning, directing and integrating of military and civilian personnel management, human resource development and military community enhancement programs in support of organizational and installation missions. Advises commanders on all matters pertaining to management, distribution, utilization, development and support of military and civilian personnel and their family members. Supervises managers of Equal

Opportunity and other human resource development programs. Supervises managers of drug and alcohol abuse programs.

*b. Functional area qualification.* DA Pam 600-3 lists qualifications for entry and professional development in the functional area.

*c. Personnel Programs Management Staff (41A).*

(1) *Description of duties.* Identifies personnel generalist positions in TOE and TDA units at Brigade level and above (Battalion Level in Special Operations Aviation) concerned with formulation of personnel plans, policies and procedures and integration of the personnel services support systems human resource development, religious activities management, maintenance of discipline, law and order, provisions for health services and headquarters management. At the DA and MACOM level, assess the need for, and the formulation of plans and policies to provide community support services to soldiers, family members and civilian employees.

(2) *Special qualifications.* None.

(3) *Special grading of positions.*

(a) For positions coded CPT and above.

(b) S1 of the SOA Assault Helicopter Battalion will be graded MAJ.

(4) *Unique duty positions.*

(a) Brigade S1.

(b) Assistant Chief of Staff, G1 (Corps).

(c) Assistant Chief of Staff, Personnel (ADCSPER).

(d) Deputy Chief of Staff, Personnel (DCSPER).

(e) Personnel Staff at Community/Installation, Division, Corps, MACOM or DA level.

(f) Selective Service Officer.

(g) S1 of the SOA Assault Helicopter Battalion, Medium Helicopter Battalion and Aviation Battalion.

### **3-29. Comptroller (45) (Proponent: Assistant Secretary of the Army (FM))**

*a. Functional area description.* Provides advice and guidance concerning resources to commanders and activity chiefs. Issues instructions for and develops and prepares the program and budget. Monitors execution of the program/budget at all echelons of resource management. Develops performance factors, analyzes capabilities based on resources available, and recommends appropriate funding to implement approved programs. Exercises staff supervision and control of accounting and financial services except when those functions are assigned to a TOE finance unit. Performs cost analysis. Evaluates organizational structure and functional responsibilities, conducts work analyses and studies of organizational problems for the purpose of recommending improvements. Coordinates review and analysis presentations in order to objectively measure output against planned accomplishments and makes appropriate recommendations. Administers internal controls. Comptrollers (Resource Managers) must exhibit the highest standards of discretion, judgment, conduct, and professional ethics per applicable statutes and regulations.

*b. Functional area qualification.* DA Pam 600-3 lists qualifications for entry and professional development in this functional area.

*c. Comptroller (45A).*

(1) *Description of duties.* Serves as primary staff officer for resource management (such as, funds, manpower, and so forth). Plans, develops, justifies, analyzes and executes programs/budgets. Advises on matters pertaining to programing/budgeting, finance and accounting, cost analysis, management practices, and review and analysis.

(2) *Special qualifications.* Must have had sufficient college level training or equivalent experience in budgeting, comptrollership, business/public administration, managerial/cost accounting, economics, organizational management, operations research, information systems, business law, labor relations, or industrial/systems management as determined by Officer Professional Development, PERSCOM.

(3) *Special grading of positions.*

(a) For positions graded CPT and above.

(b) One position in the SOA Regiment Hq and one position in the SOA Aviation Battalion will be graded MAJ.

(4) *Unique duty positions.*

(a) Comptroller.

(b) Deputy (or Assistant) Chief of Staff, Resource Management Officer.

(c) Resource Management Officer.

(d) Budget Analyst/Officer.

(e) Management Analyst/Officer.

(f) Program Analyst/Officer.

(g) Auditor.

### **3-30. Public Affairs (46) (Proponent: Office Chief of Public Affairs)**

*a. Functional area description.* Serves as personal staff advisor to the commander on all command (internal) information, public information—to include media relations—and community relations matters. Participates in development of plans and policies. Monitors operations of the command to assure consideration of public affairs implications. Assesses community attitudes toward the command to identify command actions which have real or potential community interest. Initiates programs to gain understanding of and appreciation for command actions. Advises on accuracy, propriety, timing, and relative importance of information for release to the command and the public. Recommends methods of communicating information. Prepares or supervises preparation of information for release on Army matters through news releases, articles, photographs, radio and television programs. Supervises public affairs activities and personnel. Supervises or provides guidance on operations of radio, television, and closed circuit facilities used for command information purposes. Serves as communicative arts instructor in military schools. Manages marketing and advertising accounts. Promotes and maintains mutually beneficial interaction between the command and representatives of government, the community, the media, and the public.

*b. Functional area qualification.* DA Pam 600-3 lists qualifications for entry and professional development in this functional area.

*c. Public Affairs, General (46A).*

(1) *Description of duties.* Commands or advises the commander on all public affairs matters, including command information, public information—to include media relations—and community relations. Develops, coordinates, and supervises these activities within the command.

(2) *Special qualifications.* Must satisfy one of the following criteria: Successful completion of the Public Affairs Officer Course taught by the Defense Information School (DINFOS). ARNG and USAR officers who are branch qualified and are unable to attend the PAOC may be AOC 46 qualified if successful completion of Phase I training (46A Correspondence Course) and the Phase II (2 week resident training at DINFOS). Request for waiver of qualification must be made to Chief, Public Affairs for U.S. Army, Chief National Guard Bureau (ARNG) or Chief for Army Reserve (OCAR).

(3) *Special grading of positions.* Mobile Public Affairs and Broadcast Public Affairs Detachment Commander will be graded MAJ.

(4) *Unique duty positions.*

(a) Command information officer.

(b) Media Relations Officer

(c) Editor, magazine or newspaper.

(d) Marketing/advertising officer.

(e) Speechwriter.

*d. Broadcast (46B).*

(1) *Description of duties.* Advises the commander and public affairs officer on all matters pertaining to use of electronic media as a public affairs asset. Plans, schedules, and supervises programming for radio and television broadcast Commands Armed Forces Radio and Television Service Network or Broadcast Public Affairs Detachment, works as radio/television production officer. Plans, manages, and markets audiovisual products, to include still and video photography, in support of public affairs objectives of audiovisual support activities.

(2) *Special qualifications.* Must satisfy one of the following:

(a) Successful completion of the Public Affairs Officer Course, and the Broadcast Managers Officer Course taught by DINFOS.

(b) Baccalaureate or higher degree with a major in Electronic Journalism, Broadcast, Instructional Technology, Radio/Television, or Motion Picture Production.

(c) Two or more years prior service (cumulative) as a full-time broadcast officer in the Army or another service.

(d) Two or more years practical experience (cumulative) as a radio/television reporter, newscaster, scriptwriter, editor, program director, station manager, audiovisual management officer, or teacher of an academic discipline listed in (b) above.

(3) *Special grading of positions.* Broadcast Public Affairs Detachment Commander will be graded MAJ.

(4) *Unique duty positions.*

(a) Commander, Combat Pictorial Unit.

(b) Commander, AFRTS Network.

(c) Executive Officer, AFRTS Network.

(d) Station Manager, AFRTS Network.

(e) Commander, Army Element, Audiovisual Center.

(f) Audiovisual Production Officer (skill 5B).

(g) Manager, Audiovisual Support Activity.

### **3-31. USMA Specialized Faculty (47) (Proponent: United States Military Academy)**

a. *Functional area description.* Administers the academic program of the United States Military Academy (USMA). Provides military and academic leadership to USMA's academic departments which are composed of stabilized military faculty (Academy Professors, Army officers on non-stabilized (rotating) assignment to USMA and civilian faculty hired in accordance with Title 10 United States Code. Contributes to formulation of USMA's curriculum, methods of instruction, and academic standards required for graduation. Establishes standards within academic departments for classroom instruction, military professionalism, and academic accomplishment. Teaches cadets within areas of academic expertise. Provides continuity to the academic program, while also providing a source of experience and academic depth to the rotating and civilian faculty. Participates in USMA governance by serving on bodies such as the Academic Board and Installation Planning Board, and Admissions Committee, etc. Selects officers to be sponsored for graduate schooling prior to a teaching assignment at USMA. Maintains academic currency by research, writing, and attendance at scholarly conferences. Maintains military professional currency by numerous activities including operational TDYs with Army troop units. Contributes to cadet development by support of a wide variety of athletic and extracurricular activities at USMA. Contributes to officer development by counseling and mentoring.

b. *Functional area qualifications.* DA Pam 600-3 lists qualifications for entry and professional development in this functional area.

c. *USMA Professor (47A).*

(1) *Description of duties.* Serves as the senior leadership of the academic organization of USMA. Supervises directly the academy professors and the senior rotating faculty and civilian professors. Performs all facets of duty described in the general paragraph a above.

(2) *Special qualifications.* Outstanding record of achievement and high potential for further growth and development within the field of scholarship; extensive experience and sustained exemplary performance with the field Army, typically reflected by basic branch or single-track functional area qualification as a field grade officer; successful completion of Command and Staff College and aspiring to complete senior service college; completion of an earned Ph.D in an appropriate field. Professors, USMA are normally selected from the ranks of serving Academy Professors.

(3) *Special grading of positions.* The grade of USMA, Professor is COL except in the case of a junior Deputy Department Head who may be a LTC.

(4) *Position coding.* FA 47 will only be used in the first position in authorization documents.

(5) *Unique duty positions.*

(a) Dean of the Academic Board.

(b) Vice Dean for Education.

(c) Department Head.

(d) Deputy Department Head.

d. *USMA, Professor of English (47C).*

(1) *Description of duties.* Serves as the link between the senior academic leadership and the rotating and civilian faculty within the Department of English, providing direct supervision and leadership of the junior faculty. Performs all facets of duty described in paragraph a above.

(2) *Special qualifications.* Extensive experience and sustained exemplary performance with the field Army, typically reflected by basic branch or single-track functional area qualification as a field grade officer; successful completion of Command and Staff College and aspiring to complete senior service college; completion of an earned PhD in English, Philosophy, or a related discipline; at least 2 years teaching experience at the undergraduate level, or other comparable professional experience.

(3) *Special grading of positions.* Positions coded LTC and above.

(4) *Position coding.* FA 47 will only be used in the first position in authorization documents.

(5) *Unique duty positions.* Academy Professor.

e. *USMA, Professor of Electrical Engineering and Computer Science (47D)*

(1) *Description of duties.* Serves as the link between the senior academic leadership and the rotating and civilian faculty within the Department of Electrical Engineering and Computer Sciences, providing direct supervision and leadership of the junior faculty. Performs all facets of duty described in paragraph a above.

(2) *Special qualifications.* Extensive experience and sustained exemplary performance with the field Army, typically reflected by basic branch or single-track functional area qualification as a field grade officer; successful completion of Command and Staff College and aspiring to complete senior staff college; completion of an earned PhD in Electrical Engineering, Computer Science, Artificial Intelligence, Photonics, or a related discipline; at least 2 years teaching experience at the undergraduate level, or other comparable professional experience.

(3) *Special grading of positions.* Positions coded LTC and above.

(4) *Position coding.* FA 47 will only be used in the first position in authorization documents.

(5) *Unique duty positions.* Academy Professor.

f. *USMA, Professor of Systems Engineering (47F).*

(1) *Description of duties.* Serves as the link between the senior academic leadership and the rotating and civilian faculty within the Department of Systems Engineering, providing direct supervision and leadership of the junior faculty. Performs all facets of duty described in paragraph a above.

(2) *Special qualifications.* Extensive experience and sustained exemplary performance with the field Army, typically reflected by basic branch or single-track functional area qualification as a field grade officer; successful completion Command and Staff College and aspiring to complete senior staff college; completion of an earned Ph.D in Systems Engineering, Engineering Management, Operations Research, Industrial Engineering, Computer Science, Business Administration, or a related discipline; at least 2 years teaching experience at the undergraduate level, or other comparable professional experience.

(3) *Special grading of positions.* Positions coded LTC and above.

(4) *Position coding.* FA 47 will only be used in the first position in authorization documents.

(5) *Unique duty positions.* Academy Professor.

g. *USMA, Professor of Foreign Languages (47G).*

(1) *Description of duties.* Serves as the link between the senior academic leadership and the rotating and civilian faculty within the Department of Foreign Languages, providing direct supervision and leadership of the junior faculty. Performs all facets of duty described in paragraph a above.

(2) *Special qualifications.* Extensive experience and sustained exemplary performance with the Field Army, typically reflected by basic branch or single-track functional area qualification as a field

grade officer; successful completion Command and Staff College and aspiring to complete senior staff college; completion of an earned PhD in Linguistics/Foreign Language, or a related discipline and be a proven linguist; at least 2 years teaching experience at the undergraduate level, or other comparable professional experience.

(3) *Special grading of positions.* Positions coded LTC and above.

(4) *Position coding.* FA 47 will only be used in the first position in authorization documents.

(5) *Unique duty positions.* Academy Professor.

*h. USMA, Professor Physics (47H).*

(1) *Description of duties.* Serves as the link between the senior academic leadership and the rotating and civilian faculty within the Department of Physics, providing direct supervision and leadership of the junior faculty. Performs all facets of duty described in paragraph *a* above.

(2) *Special qualifications.* Extensive experience and sustained exemplary performance with the field Army, typically reflected by basic branch or single-track functional area qualification as a field grade officer; successful completion Command and Staff College and aspiring to complete senior staff college; completion of an earned PhD in Physics, Nuclear Engineering, or a related discipline; at least 2 years teaching experience at the undergraduate level, or other comparable professional experience.

(3) *Special grading of positions.* Positions coded LTC and above.

(4) *Position coding.* FA 47 will only be used in the first position in authorization documents.

(5) *Unique duty positions.* Academy Professor.

*i. USMA, Professor of Social Sciences (47J).*

(1) *Description of duties.* Serves as the link between the senior academic leadership and the rotating and civilian faculty within the Department of Social Sciences, providing direct supervision and leadership of the junior faculty. Performs all facets of duty described in paragraph *a* above.

(2) *Special qualifications.* Extensive experience and sustained exemplary performance with the field Army, typically reflected by basic branch or single-track functional area qualification as a field grade officer; successful completion of Command and Staff College and aspiring to complete senior staff college; completion of an earned PhD in Economics, Business Administration, Public Administration, Political Science, International Relations, or a related discipline; at least 2 years experience teaching at the undergraduate level, or other comparable professional experience.

(3) *Special grading of positions.* Positions coded LTC and above.

(4) *Position coding.* FA 47 will only be used in the first position in authorization documents.

(5) *Unique duty positions.* Academy Professor.

*j. USMA, Professor of History (47K).*

(1) *Description of duties.* Serves as the link between the senior academic leadership and the rotating and civilian faculty within the Department of History, providing direct supervision and leadership for the junior faculty. Performs all facets of duty described in paragraph *a* above.

(2) *Special qualifications.* Extensive experience and sustained exemplary performance with the field Army, typically reflected by basic branch or single-track functional area qualification as a field grade officer; successful completion of Command and Staff College and aspiring to complete senior staff college; completion of an earned PhD in Military, American, European, or International History; at least 2 years teaching experience at the undergraduate level, or other comparable professional experience.

(3) *Special grading of positions.* Positions coded LTC and above.

(4) *Position coding.* FA 47 will only be used in the first position in authorization documents.

(5) *Unique duty positions.* Academy Professor.

(6) *Skill identifier.* SI 5X (Historian).

*k. USMA, Professor of Behavioral Sciences and Leadership (47L).*

(1) *Description of duties.* Serves as the link between the senior academic leadership and the rotating and civilian faculty within the Department of Behavioral Sciences and Leadership, providing direct

supervision and leadership of the junior faculty. Performs all facets of duty described in paragraph *a* above.

(2) *Special qualifications.* Extensive experience and sustained exemplary performance with the field Army, typically reflected by basic branch or single-track functional area qualification as a field grade officer; successful completion of Command and Staff College and aspiring to complete senior staff college; completion of an earned PhD in Cio, Psychology, Human Factors, Counseling, Management, or a related behavioral science field; at least 2 years teaching experience at the undergraduate level, or other comparable professional experience.

(3) *Special grading of positions.* Positions coded LTC and above.

(4) *Position coding.* FA 47 will only be used in the first position in authorization documents.

(5) *Unique duty positions.* Academy Professor.

*l. USMA, Professor of Chemistry (47M).*

(1) *Description of duties.* Serves as the link between the senior academic leadership and the rotating and civilian faculty within the Department of Chemistry, providing direct supervision and leadership of the junior faculty. Performs all facets of duty described in paragraph *a* above.

(2) *Special qualifications.* Extensive experience and sustained exemplary performance with the field Army, typically reflected by basic branch or single-track functional area qualification as a field grade officer; successful completion of Command and Staff College and aspiring to complete senior staff college; completion of an earned PhD in Chemistry, Chemical Engineering, the life sciences or a closely related discipline; at least 2 years teaching experience at the undergraduate level, or other comparable professional experience.

(3) *Special grading of positions.* Positions coded LTC and above.

(4) *Position coding.* FA 47 will only be used in the first position in authorization documents.

(5) *Unique duty positions.* Academy Professor.

*m. USMA, Professor of Mathematical Sciences (47N).*

(1) *Description of duties.* Serves as the link between the senior academic leadership and the rotating and civilian faculty within the Department of Mathematical Sciences, providing direct supervision and leadership of the junior faculty. Performs all facets of duty described in paragraph *a* above.

(2) *Special qualifications.* Extensive experience and sustained exemplary performance with the field Army, typically reflected by basic branch or single-track functional area qualification as a field grade officer; successful completion of Command and Staff College and aspiring to complete senior staff college; completion of an earned PhD in Mathematics, Applied Mathematics, Operations Research, Statistics or other scientific or engineering disciplines; at least 2 years experience teaching at the undergraduate level, or other comparable professional experience.

(3) *Special grading of positions.* Positions coded LTC and above.

(4) *Position coding.* FA 47 will only be used in the first position in authorization documents.

(5) *Unique duty positions.* Academy Professor.

*n. USMA, Professor Geography and Environmental Engineering (47P).*

(1) *Description of duties.* Serves as the link between the senior academic leadership and the rotating and civilian faculty within the Department of Geography and Environmental Engineering, providing direct supervision and leadership of the junior faculty. Performs all facets of duty described in paragraph *a* above.

(2) *Special qualifications.* Extensive experience and sustained exemplary performance with the field Army, typically reflected by basic branch or single-track functional area qualification as a field grade officer; successful completion of Command and Staff College and aspiring to complete senior staff college; completion of an earned PhD in Geography, one of the earth sciences, one of the mapping sciences, Environmental Engineering, or a related discipline; at least 2 years teaching experience at the undergraduate level, or other comparable professional experience.

(3) *Special grading of positions.* Positions coded LTC and above.

(4) *Position coding.* FA 47 will only be used in the first position in authorization documents.

(5) *Unique duty positions.* Academy Professor.

*o. USMA, Professor and Associate Dean (47Q).*

(1) *Description of duties.* Serves as the link between the senior academic leadership and the Dean's staff, providing direct supervision and leadership. Performs all facets of duty described in paragraph *a* above.

(2) *Special qualifications.* Extensive experience and sustained extremely performance with the field Army, typically reflected by basic branch or single-track functional area qualification as a field grade officer; successful completion of Command and Staff College and aspiring to complete senior staff college; completion of an earned PhD in a discipline taught at the Academy or Business Administration, Personnel Administration, or a related discipline; at least 2 years experience teaching at the undergraduate level within an Academy department, or other comparable professional experience.

(3) *Special grading of positions.* Positions coded LTC and above.

(4) *Position coding.* FA 47 will only be used in the first position in authorization documents.

(5) *Unique duty positions.* Academy Professor.

*p. USMA, Professor of Civil and Mechanical Engineering (47R).*

(1) *Description of duties.* Serves as the link between the senior academic leadership and the rotating and civilian faculty within the Department of Civil and Mechanical Engineering, providing direct supervision and leadership of the junior faculty. Performs all facets of duty described in paragraph *a* above.

(2) *Special qualifications.* Extensive experience and sustained exemplary performance with the field Army, typically reflected by basic branch or single-track functional area qualification as a field grade officer; successful completion of Command and Staff College and aspiring to complete senior staff college; completion of the degree of Doctor of Philosophy in Civil, Mechanical, or Aerospace Engineering, or a related discipline; at least 2 years of engineering teaching experience at the undergraduate level, or other comparable professional experience.

(3) *Special grading of positions.* Positions coded LTC and above.

(4) *Position coding.* FA 47 will only be used in the first position in authorization documents.

(5) *Unique duty positions.* Academy Professor.

*q. USMA, Professor of Physical Education (47S).*

(1) *Description of duties.* Serves as the link between the senior academic leadership and the rotating and civilian faculty within the Department of Physical Education, providing direct supervision and leadership of the junior faculty. Performs all facets of duty described in paragraph *a* above.

(2) *Special qualifications.* Extensive experience and sustained exemplary performance with the field Army, typically reflected by basic branch or single-track functional area qualification as a field grade officer; successful completion of Command and Staff College and aspiring to complete senior staff college; completion of an earned PhD in Physical Education, Physical Science, or a related discipline; at least 2 years teaching experience at the undergraduate level, or other comparable professional experience.

(3) *Special grading of positions.* Positions coded LTC and above.

(4) *Position coding.* FA 47 will only be used in the first position in authorization documents.

(5) *Unique duty positions.* Academy Professor.

### **3-32. Foreign Area Officer (48) (Proponent: ODCSOPS)**

*a. Functional area description.* Encompasses positions which require the application of foreign area expertise, political-military awareness, foreign language proficiency, and professional military knowledge and experience with military activities having an economic, social, cultural, or political impact. Foreign Area Officers (FAO) serve as attaches; security assistance officers; political-military operations, plans, and policy officers; political-military intelligence staff officers; liaison officers to foreign military organizations; and service school instructors. AR 310-49 restricts

the use of these codes without prior approval of HQDA (DAMO-SSF). These positions require graduate-level degrees in area studies or a closely related discipline and completion of overseas regional training or the equivalent.

*b. Functional area qualification.* DA Pam 600-3 lists qualifications for entry and professional development in this area.

*c. Foreign Area, General (48A).*

(1) *Description of duties.* This code is to be used only to identify positions which require a qualified FAO, but do not require an officer with expertise in a specific region. Example: staff chief who supervises FAOs with expertise in different regions.

(2) *Special qualifications.* None.

(3) *Special grading of positions.* For positions graded MAJ and above.

(4) *Unique duty positions.* None.

*d. Latin America (48B).*

(1) *Description of duties.* Positions which require a FAO with expertise, regional training and language qualifications in the Latin America region.

(2) *Special qualifications.* Must be proficient in one of the following languages:

(a) Spanish.

(b) Portuguese.

(3) *Special grading of positions.* For positions graded MAJ and above.

(4) *Unique duty positions.* None.

*e. Europe (48C).*

(1) *Description of duties.* Positions which require a FAO with expertise, regional training and language qualifications in the European region.

(2) *Special qualifications.* Must be proficient in one of the following languages:

(a) Albanian.

(b) Bulgarian.

(c) Czech.

(d) Dutch.

(e) Danish.

(f) Finnish.

(g) French.

(h) German.

(i) Greek.

(j) Hungarian.

(k) Italian.

(l) Lithuanian.

(m) Norwegian.

(n) Polish.

(o) Portuguese.

(p) Romanian.

(q) Serbo-Croatian.

(r) Slovene.

(s) Spanish.

(t) Swedish.

(3) *Special grading of positions.* For positions coded CPT and above.

(4) *Unique duty positions.* None.

*f. South Asia (48D).*

(1) *Description of duties.* Positions which require an FAO with expertise, regional training and language qualifications in the South Asia region.

(2) *Special qualifications.* Must be proficient in one of the following languages:

(a) Urdu.

(b) Hindi.

(3) *Special grading of positions.* For positions graded MAJ and above.

(4) *Unique duty positions.* None.

*g. Eurasia (48E).*

(1) *Description of duties.* Positions which require an FAO with expertise, regional training and language qualifications in the Eurasian region.

(2) *Special qualifications.* Must be proficient in one of the following languages:

- (a) Belorussian.
- (b) Persian (Tadzhik).
- (c) Russian.
- (d) Turkic (Kazakh, Uzbek).
- (e) Ukrainian.

(3) *Special grading of positions.* For positions coded MAJ and above.

- (4) *Unique duty positions.* None.
- h. *China (48F).*

(1) *Description of duties.* Positions which require an FAO with expertise, regional training and language qualifications in the China region.

(2) *Special qualifications.* Must be proficient in the Chinese languages:

(3) *Special grading of positions.* For positions graded MAJ and above.

- (4) *Unique duty positions.* None.
- i. *Mideast/North Africa (48G).*

(1) *Description of duties.* Positions which require an FAO with expertise, regional training and language qualifications in the Mideast/North Africa region.

(2) *Special qualifications.* Must be proficient in one of the following languages:

- (a) Arabic.
- (b) Turkish.
- (c) Persian.
- (d) French.

(3) *Special grading of positions.* For positions graded MAJ and above.

- (4) *Unique duty positions.* None.
- j. *Northeast Asia (48H).*

(1) *Description of duties.* Positions which require an FAO with expertise, regional training and language qualifications in the Northeast Asia region.

(2) *Special qualifications.* Must be proficient in one of the following languages:

- (a) Japanese.
- (b) Korean.

(3) *Special grading of positions.* For positions graded MAJ and above.

- (4) *Unique duty positions.* None.
- k. *Southeast Asia (48I).*

(1) *Description of duties.* Positions which require an FAO with expertise, regional training and language qualifications in the Southeast Asia region.

(2) *Special qualifications.* Must be proficient in one of the following languages:

- (a) Thai.
- (b) Lao
- (c) Indonesian.
- (d) Burmese.
- (e) Kymer.
- (f) Vietnamese
- (g) Tagalog.

(3) *Special grading of positions.* For positions coded MAJ and above.

- (4) *Unique duty positions.* None.
- l. *Africa, South of the Sahara (48J).*

(1) *Description of duties.* Positions which require an FAO with expertise, regional training and language qualifications in the Africa, South of the Sahara.

(2) *Special qualifications.* Must be proficient in one of the following languages:

- (a) French.
- (b) Afrikaans.
- (c) Swahili.
- (d) Somali.
- (e) Amharic.

(f) Portuguese.

(3) *Special grading of positions.* For positions coded MAJ and above.

(4) *Unique duty positions.* None.

### **3-33. Operations Research/Systems Analysis (49) (Proponent: TRADOC Research Analysis Command)**

a. *Functional area description.* The Operations Research/Systems Analysis (ORSA) functional area encompasses the application of analytic methods to the solution of varied and complex strategic, operational, and managerial defense issues. ORSA techniques are applied to the entire spectrum of military activities, and frequently are used to help identify optimal uses of many different scarce resources. ORSA techniques are important decision support tools, and analysis grounded in objective ORSA techniques provides decision makers with a quantitative basis for the evaluation of decision options. ORSA officers frequently bridge the gap among military, science, and management activities and acquire competence in a wide variety of Army functions. Specifically, ORSA officers:

- (1) Formulate problems and design research and study methods.
- (2) Conduct and supervise qualitative and quantitative analyses of complex military and related problems.

(3) Apply objective, analytical, and orderly thinking to the analysis of complex operational and management problems, and support this analysis when appropriate with the use of ORSA tools and techniques such as statistical inference, network analysis, models, mathematical programming, and simulations.

(4) Summarize and synthesize complex analyses into simplified terms and present results to decision makers.

(5) Plan, evaluate, coordinate, and integrate ORSA actions with other staff elements and functions.

b. *Functional area qualification.* DA Pam 600-3 lists qualifications for entry and professional development in this functional area.

c. *Operations Research, General (49A).*

(1) *Description of duties.* AOC 49A is used to code instructor positions and positions which can not be described more accurately by another AOC. Examples include positions on the staff of the Deputy Under Secretary of the Army (Operations Research) and instructor positions at USMA and ALMC.

(2) *Special qualifications.* The officer must either possess a graduate degree in ORSA or complete ORSA MAC I. Officers completing ORSA MAC I are encouraged to obtain a graduate degree in a closely related discipline identified in DA Pam 600-3. Officers serving at the LTC and COL grade levels serve in positions requiring previous ORSA experience.

(3) *Special grading of positions.* CPT to COL.

(4) *Position coding.* Positions which require the following are appropriate for AOC 49A coding:

(a) Decision analysis skills, including the application of appropriate ORSA techniques such as multivariate analysis, mathematical modeling, and network analysis.

(b) Problem solving skills, including research design and methodology development.

(c) Integration of operations research/systems analysis skills with other staff functions.

(5) *Unique duty positions.*

(a) Military Assistant, Deputy Under Secretary of the Army (DUSA) (OR).

(b) Instructor at USMA, Army Logistics Management Center (ALMC), NPS, AFIT or CGSC.

d. *Operations Research, Personnel (49B).*

(1) *Description of duties.* AOC 49B is used to code positions in which the primary focus is personnel issues. Officers assigned to these positions analyze military recruiting, retention, strength, mobilization, personnel, training and structure issues for both active and reserve components. Examples include assignments with U.S. Army Recruiting Command (USAREC), U.S. Total Army Personnel Command (PERSCOM) and the Office of the Deputy Chief of Staff for Personnel (ODCSPER).

(2) *Special qualifications.* The officer must either possess a graduate degree in ORSA or complete ORSA MAC I. Officers completing ORSA MAC I are encouraged to obtain a graduate degree in a closely related discipline identified in DA Pam 600-3. Officers serving at the LTC and COL grade levels serve in positions requiring previous ORSA experience.

(3) *Special grading of positions.* CPT to COL.

(4) *Position coding.* Positions which require the following are appropriate for AOC 49B coding:

(a) Decision analysis skills, including the application of appropriate ORSA techniques such as multivariate analysis, mathematical modeling, and nerk analysis.

(b) Problem solving skills, including research design and methodology development.

(c) Expertise in personnel issues.

(5) *Unique duty positions.*

(a) Manpower Analyst.

(b) Analyst in ODCSPER, PERSCOM, USAREC.

*e. Operations Research, Combat Operations/Materiel Systems (49C).*

(1) *Description of duties.* AOC 49C is used to code positions where the primary focus is analysis of practical and theoretical issues regarding combat operations, doctrine, tactics, system effectiveness, force design, force structure and the deployment of weapon systems. Analyses frequently include evaluations of training, force effectiveness, and materiel systems and range from the assessment of the impact of a single system to the integration of multiple systems in joint operations. Officers assigned to these positions often use advanced computer simulations and models to address complex operational problems in command, control, and communications (C3), artificial intelligence (AI), and both combat and training development. Examples include assignments with TRADOC Analysis Command (TRAC), Concepts Analysis Agency (CAA), and various TRADOC schools and centers.

(2) *Special qualifications.* The officer must either possess a graduate degree in ORSA or complete ORSAMAC I. Officers completing ORSA MAC I are encouraged to obtain a graduate degree in a closely related discipline identified in DA Pam 600-3. Officers serving at the LTC and COL grade levels serve in positions requiring previous ORSA experience.

(3) *Special grading of positions.* CPT to COL.

(4) *Position coding.* Positions which require the following are appropriate for AOC 49C coding:

(a) Decision analysis skills, including the application of appropriate ORSA techniques such as multivariate analysis, mathematical modeling, and nerk analysis.

(b) Problem solving skills, including research design and methodology development.

(c) Expertise in combat operations analysis, including use of combat models and simulations.

(5) *Unique duty positions.* Analyst in TRAC, CAS, Army Materiel Systems Analysis Agency (AMSAA).

*f. Operations Research, Planning, Programming, and Resource Management (49D).*

(1) *Description of duties.* AOC 49D is used to code positions in which the primary focus is determining optimal resource management and allocation strategies through analyses of force structure, manpower requirements, authorizations, personnel developments, materiel acquisition, and logistics programs. Officers assigned to these positions conduct conceptual studies and analyses of major Army and Department of Defense programs dealing with alternative military strategies, force designs, strategic force issues, logistics management, weapon systems and their associated resource management implications. Examples include assignments with the Cost and Economic Analysis Center (CEAC) and various Department of the Army staffs.

(2) *Special qualifications.*

(3) *Special grading of positions.* CPT to COL.

(4) *Position coding.* Positions which require the following are appropriate for AOC 49D coding:

(a) Decision analysis skills, including the application of appropriate ORSA techniques such as multivariate analysis, mathematical modeling, and nerk analysis.

(b) Problem solving skills, including research design and methodology development.

(c) Expertise in resource management and allocation.

(5) *Unique duty positions.* Analyst in ODCSOPS, ASA (RDA).

*g. Operations Research, Test, and Evaluation (49E).*

(1) *Description of duties.* AOC 49E is used to code positions in which the primary focus is testing and evaluating complex weapons systems and future combat developments concepts within materiel acquisition and force development processes. Officers assigned to these positions design tests and experiments, determine measures of effectiveness, apply risk analysis, analyze and interpret empirical data, and obtain objective data for acquisition decisions, studies, training evaluations, system comparisons, analytic models, and war games. Examples include assignments with Operational Test and Evaluations Command (OPTEC) and Army Materiel Command (AMC).

(2) *Special qualifications.* The officer must either possess a graduate degree in ORSA or complete ORSA MAC I. Officers completing ORSAMAC I are encouraged to obtain a graduate degree in a closely related discipline identified in DA Pam 600-3. Officers serving at the LTC and COL grade levels serve in positions requiring previous ORSA experience.

(3) *Special grading of positions.* CPT to COL.

(4) *Position coding.* Positions which require the following are appropriate for AOC 49E coding:

(a) Decision analysis skills, including the application of appropriate ORSA techniques such as multivariate analysis, mathematical modeling, and nerk analysis.

(b) Problem solving skills, including research design and methodology development.

(c) Test and evaluation skills.

(5) *Unique duty positions.*

(a) Test Design Officer.

(b) Analyst in Test and Evaluation Command (TECOM), AMSAA, OPTEC.

*h. Trained ORSA (49W).* AOC 49W will be assigned upon completion of ORSA MAC I or receipt of a graduate degree in a discipline listed in table 41-3 of DA Pam 600-3. This AOC will be retained until an assignment-based AOC is awarded. AOC 49W will not be used to code positions.

*i. Untrained ORSA (49X).* AOC 49X will be assigned upon designation as a FA 49 officer. This AOC will be retained until ORSA MAC I has been completed or a graduate degree in a discipline listed in table 41-3 of DA Pam 600-3 has been received. AOC 49X will not be used to code positions.

### **3-34. Force Development (50) (Proponent: Combined Arms Command)**

(Rescinded.)

### **3-35. Research, Development and Acquisition (51) (Proponent: Assistant Secretary of the Army Research, Development, and Acquisition (RDA))**

*a. Functional area description.* Manages the activities of the Combat and Materiel Developer organizations involved in the conception, research, development and acquisition of materiel systems for the Army, from requirements formulation through the disposal of obsolete systems. Participates in all aspects of systems acquisition from the review of the Mission Area Analysis, Battlefield Development Plan, modernization plans, and Army Modernization Memorandum, resulting in a materiel solution, through all Life Cycle Systems Management Model phases.

*b. Functional area qualification.* DA Pam 600-3 lists qualifications for entry and professional development in this functional area.

*c. Research and Development (51A).*

(1) *Description of duties.* Serves as manager or project officer in

organizations and activities involved in the research of new technologies and development of new materiel. Manages the research and development of materiel during the initial phases of the acquisition life cycle. Evaluates competing technological approaches to include determining foreign state-of-the-art system technologies and programs which may affect present or projected Army systems requirements; coordinates planning and supervisory activities relative to the research and development aspects of Foreign Area programs. Ensures proper interface between the system design and support program, and monitors system development to ensure the system design and support characteristics satisfy operational requirements at the lowest life cycle cost. Develops technical specifications for systems and services to meet Army mission requirements. Supervises the formulation, justification and execution of the research, development, test and evaluation (RDTE) portion of the budget. Coordinates the efforts of combined military and commercial research and development programs. Interfaces with industry management on matters of policy and project planning. Initiates and monitors research and development contracts. Monitors system life cycle costs, models and supporting data management efforts. Initiates, participates in, and analyzes studies to determine the future needs of the Army. Reviews requirements for facilities, materiel and personnel resources necessary for program execution. Evaluates research and development programs aimed at the conceptual development of materiel for future U.S. military forces.

(2) *Special qualifications.* Must be branch qualified and possess at least a baccalaureate degree from a college or university recognized by the Department of the Army. Either the baccalaureate or advanced degree must be in a technical, scientific, or managerial field. Must be a graduate of the Materiel Acquisition Management (MAM) Course at the U.S. Army Logistics Management College (ALMC), Fort Lee, VA. Attendance at the Program Management Course (PMC) at the Defense Systems Management College (DSMC), Fort Belvoir, VA is desirable.

(3) *Special grading of positions.*

- (a) Research and Development Staff Officer (CPT).
- (b) Research Engineer (CPT/MAJ).
- (c) Assistant Product Manager (MAJ).
- (d) Research and Development Coordinator (MAJ).
- (e) Project Management Officer (LTC).
- (f) Research and Development Project Officer (LTC).
- (g) Director of Research and Development (COL).
- (4) *Unique duty positions.* None.

d. *Test and Evaluation (51B).*

(1) *Description of duties.* Plans, designs, and documents experiments and tests to provide data to address specific issues under conditions ranging from highly controlled scientific experiments conducted in the laboratory or field to more realistic, freeplay exercises in an operational environment. Coordinates and schedules all resources for the test to include budget estimates, data collection, test players and controllers, government and nongovernment equipment, communications, and logistical support. Designs automated data processing support plans and instrumentation to collect and reduce data associated with the testing of materiel systems, doctrine, tactics, and other concepts. Conducts and controls the test to satisfy the design and testing objectives, reduces data, and writes the test report. Evaluates test data and integrates it into information from other resources. Assesses the performance, utility, military suitability and effectiveness of the system, concept or experiment and prepares a comprehensive evaluation. Provides the results of the evaluation to the decision maker.

(2) *Special qualifications.* Must be branch qualified and possess at least a baccalaureate degree from a college or university recognized by the Department of the Army. Either the baccalaureate or advanced degree must be in a technical, scientific, or managerial field. Must be a graduate of the MAM Course. Completion of the Test and Evaluation Management Course (ALMC or DSMC), and the PMC at DSMC is desirable. Background experience or training in the following areas is desirable: statistics, modeling, or risk analysis.

(3) *Special grading of positions.*

- (a) Test and Evaluation Staff Officer (CPT).
- (b) Test Pilot (CPT/MAJ).
- (c) Test and Evaluation Coordinator (MAJ).
- (d) Test and Evaluation Project Officer (LTC).
- (e) Test Director (COL).
- (f) Board President (COL).
- (4) *Unique duty positions.* None.

e. *Combat Developments (51C).*

(1) *Description of duties.* Formulates operational concepts and develops doctrinal, training, organizational and materiel requirements to solve battlefield deficiencies preventing the execution of these concepts. If a materiel requirement is identified, the analysis includes evaluation of life cycle costs, affordability, force structure implications, battlefield systems integration, and associated implications regarding doctrine, training, and logistics support. Represents the materiel system user throughout the acquisition life cycle.

(2) *Special qualifications.* Must be branch qualified and possess at least a baccalaureate degree from a college or university recognized by the Department of the Army. Either the baccalaureate or advanced degree must be in a technical, scientific, or managerial field. Must be a graduate of the MAM Course. Attendance at PMC is desirable.

(3) *Special grading of positions.*

- (a) Combat Developments Staff Officer (CPT).
- (b) Combat Developments Coordinator (MAJ).
- (c) Deputy TRADOC System Manager (LTC).
- (d) Combat Developments Project Officer (LTC).
- (e) Director of Combat Developments (COL).
- (f) TRADOC System Manager (COL).

(4) *Unique duty positions.* None.

f. *Acquisition (51D).*

(1) *Description of duties.* The capstone for Functional Area (FA) 51 is AOC 51D. It identifies positions which require an officer with broad acquisition knowledge and experience. Should have a thorough knowledge of the Concept Based Requirements System (CBRS), and the entire combat developments process. Should have a thorough knowledge of the materiel acquisition process along with the Life Cycle Systems Management Model and its associated phases.

(2) *Special qualifications.* To be awarded AOC 51D an officer must have experience in of the three FA 51 basic AOCs or have had extensive experience in one particular AOC and successfully completed the PMC at DSMC.

(3) *Special grading of positions.*

- (a) Product Manager (LTC).
- (b) Assistant Project Manager (LTC).
- (c) Project Manager (COL).
- (4) *Unique duty positions.* None.

### **3-36. Nuclear Research and Operations (FA 52) (Proponent: Director, U.S. Army Nuclear and Chemical Agency)**

a. *Functional area description.* Requires the application of knowledge and expertise in nuclear weapons effects and effects research and analysis; nuclear weapons research, national and theater level strategy, plans, and policies for nuclear weapons; the planning and employment of nuclear weapons to support theater and strategic operations. The functional area encompasses research and development associated with materiel acquisition; effects research and analysis; national nuclear strategy, planning, and policy formulation; and treaty formulation, verification, and monitoring.

b. *Functional area qualification.* DA Pam 600-3 lists qualifications for entry and professional development in this functional area.

c. *Nuclear Research and Operations (AOC 52B).*

(1) *Description of duties.* Conducts research and analysis of nuclear weapons effects. Monitors test results and performs analysis to determine stockpile (safety and reliability) condition. Performs research on both new and fielded materiel to determine vulnerabilities to nuclear weapons effects and to improve survivability (nuclear hardening). Serves as staff officer or manager in an organization

engaged in nuclear weapons research. Assists in forming national, joint and combined Army, and theater-level nuclear weapons strategy, plans, and policies (e.g. deployment, employment, survivability). Also, assists in international treaty verification, safety studies, safety reviews, safety rules development, and integrating the Department of Energy (DOE) and Department of Defense Planning, Programming, and Budgeting Cycles for Research. Prepares, coordinates, and maintains Nuclear Accident Incident Response and Assistance (NAIRA) policies, procedures, and plans. Provides technical assistance in target analysis and employment planning of nuclear weapons at corps and echelons above corps. Conducts vulnerability analysis of personnel response to nuclear weapons effects. Recommends policies and prepares instructions for protecting personnel and property from the immediate effects of a nuclear attack. Prepares data on nuclear matters to support planning, programming and budgeting actions, Congressional hearings, and other command program documents.

(2) *Special qualifications.*

(a) Must have a comprehensive baccalaureate background in a nuclear related science specialty (i.e. mathematics, physics, chemistry, or an appropriate engineering discipline) and should have a thorough understanding of combined arms combat operations.

(b) SI 5H (Nuclear Chemical Target Analyst) will be used for positions which require assignments of personnel qualified to perform nuclear and chemical weapons analysis and nuclear vulnerability assessments.

(c) SI 6X (Army Research Associates Program) desired for Headquarters, DOE positions and all DOE national laboratory positions. SI 6X is also desired for other positions (DA/DoD) requiring the incumbent to have had previous DOE/national laboratory operations experience.

(3) *Special grading of positions.* For positions coded CPT and above.

(4) *Unique duty positions.*

(a) Nuclear Research Officer.

(b) Nuclear Physicist.

(c) Nuclear Weapons Analyst.

(d) Research Associate.

(e) Research and Development Coordinator.

(f) Nuclear Effects Officer.

### **3-37. Systems Automation (53) (Proponent: Signal Center and School)**

*a. Functional area description.* Systems Automation encompasses a wide variety of automatic information processing functions and requires the Systems Automation Officer to be knowledgeable of a myriad of activities within this career field. Commands and supervises automated information processing units, installations, and activities. Advises the commander and staff on automation policy and technical matters to include command, immediate supervisory, advisory, and technical responsibilities for automated information processing units, installations and activities; engineering, acquisition, construction, installation, security, operation, and maintenance of computer systems. Translates mission needs into computer systems requirements. Plans, evaluates, coordinates, and integrates automation activities at all command and organizational levels. Plans, designs, and implements local area nerks. Implements data base management systems and performs as data base administrator. Directs, plans, implements, and manages security programs for automated systems. Conducts analysis, research, design and development for future systems. Performs economic analysis and plans, programs, and budgets for automation resource requirements. Manages automation resources, maintenance programs, and logistics support. Develops and provides systems documentation. Conducts and evaluates systems tests. Monitors and performs all tasks pertinent to automated systems, acquisition, life cycle development, and force modernization.

*b. Functional area qualification.* DA Pam 600-3 lists qualifications for entry and professional development in this FA.

*c. Systems Automation Management (53A).*

(1) *Description of duties.* Supervises automated information processing units, installations, and activities. Advisor to the commander and staff on automation policy and technical matters. Manages computer systems and provides automation expertise at all command organizational levels to include combined, joint and service agencies. Translates mission needs into computer systems requirements and helps to define functional requirements. Maintains awareness of advances in computer systems capabilities. Performs economic analysis and plans, programs, and budgets for automation resource requirements (equipment, people, and facilities). Develops and implements procedures for the local procurement, storage and distribution control of commercial computer system products. Manages automation resources, maintenance programs, and logistics support. Establishes procedures for effective and efficient use of computer systems resources. Develops, implements and manages data base management systems and local area nerks. Establishes and priorities computer systems goals and objectives at various levels. Writes and maintains accreditation plans for computer systems. Develops and manages security procedures. Develops and conducts customer education programs. Develops and coordinates procedures for contingency operation during system emergencies, outages and degraded operations, or downtime for maintenance.

(2) *Special qualifications.*

(a) Successful completion of the Systems Automation Course (SAC) at the Computer Science School, U.S. Army Signal Center, Ft Gordon, GA, or;

(b) Possess a graduate degree in Management Information Systems (Business) or a related discipline (see DA Pam 600-3), or;

(c) Possess an undergraduate degree in Management Information Systems (Business) or a related discipline and have successfully completed Training With Industry (TWI) in a related discipline (see DA Pam 600-3).

(3) *Special grading of positions.* For positions coded CPT and above.

(4) *Position coding.* AOC 53A will only be used in the first three positions of the position requirement code on authorization documents. When specific branch expertise is required, the position will be coded with the branch in the fourth and fifth positions; such as, 53A11. When automation skills and knowledge are required but are not the primary requirements of the job, Skill 4H will be used; such as, 11A004H (see table 4-3).

(5) *Unique duty positions.*

(a) Automation Staff Officer.

(b) Automation Management Officer.

(c) Automation Security Officer.

(d) Chief, Automation Branch/Division.

(e) Director, Automation Support Activity.

(f) Commander, Automation Information Processing Unit.

(g) Deputy Chief of Staff for Information Management (DCSIM).

*d. Systems Automation Engineering (53B).* AOC 53B encompasses developmental positions for the Army Acquisition Corps.

(1) *Description of duties.* Designs, develops documents, engineers, tests, accepts, quality assures, implements, and modifies software, firmware, and data base systems to support functional mission and sustaining base requirements. Designs interfaces to accommodate various data communications protocols, and distributed processing, and nerked systems. Plans, engineers and installs computer-communication nerks. Develops objectives, plans, and procedures for testing and evaluating efficiency of computer systems processes. Translates computer systems operational concepts, requirements, architectures, and designs into detailed engineering specification and criteria for the acquisition and installation of software and firmware for weapons, command and control, and management information systems. Designs automated data processing support plans and instrumentation to collect and reduce data associated with the testing of materiel systems, doctrine, tactics, and other concepts. Tests and evaluates existing and proposed software and firmware configurations to meet performance objectives, standards and concepts, and to ensure compatibility with existing systems. Performs staff functions requiring computer engineering expertise, such as quality assurance

and control, automated information system (AIS) security, configuration management, network control, and programming computer systems. Maintains awareness of advances in emerging computer system technologies. Establishes technical criteria and milestones for periodic assessment and update of operating, evaluation and maintenance standards. Develops operational, maintenance and evaluation standards and schedules for efficient operation. Plans and manages modifications to system software and data bases. Technical representative to the contracting officer on specified contracts and as technical consultant on computer, software, hardware, and systems engineering matters.

(2) *Special qualifications.*

(a) Possess a graduate degree in computer science, software engineering, computer systems engineering, or a related discipline (see DA Pam 600-3) or;

(b) Possess an undergraduate degree in computer science, software engineering, computer systems engineering or a related discipline and must have successfully completed Training with Industry (TWI) in a related discipline (see DA Pam 600-3).

(c) Be a graduate of the Materiel Acquisition Management (MAM) Course at the U.S. Army Logistics Management College (ALMC), Ft Lee, VA. Attendance at the Program Management Course (PMC) at the Defense Systems Management College (DSMC), Ft Belvoir, VA is desirable.

(3) *Special grading of positions.* For positions coded CPT and above.

(4) *Position coding.*

(a) AOC 53B will only be used in the first three positions of the requirements code on authorization documents. When specific branch expertise is required, the position will be coded with the branch in the fourth and fifth positions; such as, 53B11. When automation skills and knowledge are required but are not the primary requirements of the job, SI 4H will be used; such as, 11A004H (see table 4-3).

(b) Position must be supported with a validated DA Form 2654-R, (Request for Validation of Army Educational Requirements System (AERS)) Position.

(5) *Unique duty positions.*

(a) Software Engineer.

(b) Automation Systems Engineer.

(c) Knowledge Engineer (with SI 4K).

(d) System Analyst.

(e) Combat Developments Staff Officer.

(f) Test Officer.

(g) Assistant TRADOC Systems Manager.

(h) Director, Decision Support Activity (with SI 4K).

(i) Commander, Information Systems Development Center.

*e. Systems Automation Acquisition (53C).* AOC 53C is an exempted program under the Army Acquisition Corps.

(1) *Description of duties.* Manages the activities of Combat and Materiel Developments organizations involved in the conception, research, development, and acquisition of system automation materiel for the Army, from requirements formulation through the disposal of obsolete systems. Participates in all aspects of systems acquisition from the review of the Mission Area analysis and Battlefield Development Plan, resulting in a materiel solution, through all Life Cycle Systems Management model phases. Ensures that the Defense Acquisition Process procures the required battlefield automated systems, supplies, and services to support and sustain the readiness of our combat forces. Evaluates competing technological approaches and programs which may affect present or projected Army systems requirements. Supervises the development of schedules, procedures, and cost estimates for software and firmware. Directs testing and evaluation of proposed computer systems and other materiel systems for compatibility with objectives, policies, plans, and concepts. Assesses the performance, utility, military suitability and effectiveness of the automation system, concept or experiment and prepare a comprehensive evaluation. If a materiel solution is identified, the analysis includes evaluation of life cycle costs,

affectability, force structure implications, battlefield systems integration, and associated implications, regarding doctrine, training and logistics support. Represents the systems automation materiel user through the acquisition life cycle.

(2) *Special qualification.*

(a) Possess AOC 53B designation, and be selected by HQDA, PERSCOM as an Army Acquisition Corps Candidate, Skill 4M (see table 4-3).

(b) Possess 3 years experience in Army Acquisition Corps AOC 53B developmental assignments, of which 1 year must be in an Acquisition Command (U.S. Army Materiel Command (USAMC), or the Information Systems Engineering Command (ISEC), and U.S. Army Information Systems Command (USAISC).

(c) Attendance at the Program Management Course (PMC), Defense Systems Management College (DSMC), Ft Belvoir, VA is required of field grade officers for certification and award of Army Acquisition Corps Skill 4Z (Certified Acquisition Corps Officer).

(3) *Special grading of positions.* For positions coded LTC and above.

(4) *Position coding.*

(a) AOC 53C will only be used in the first three positions of the position requirement code on authorization documents. When specific branch expertise is required, the position will be coded with the branch in the fourth and fifth positions; such as, 53C11. When automation skills and knowledge are required but are not the primary requirements of the job, Skill 4H will be used; such as, 51D004H (see table 4-3).

(b) Position must be supported with a validated DA Form 2654-R.

(c) Selected critical Army Acquisition Corp positions will be coded with SI 4Z (see table 4-3).

(5) *Unique duty positions.*

(a) Produce Manager.

(b) Assistant Project Manager.

(c) Project Manager.

(d) Acquisition Staff Officer.

*f. Designated Systems Automation (53X).* AOC 53X is for personnel classification only upon designation for FA 53 to indicate the officer does not meet the functional area qualifications outlined in DA Pam 600-3, paragraph 53-6. Upon completion of formal training or education, the officer will be awarded the appropriate FA 53 AOC. AOC 53X will also identify FA 53 officers who fail to maintain minimum training and experience requirements for AOC 53A, 53B, or 53C at each grade level. AOC 53X will not be used to code positions on authorization documents.

### **3-38. Operations, Plans, and Training (54) (Proponent: Combined Arms Command)**

*a. Functional area descriptions.* Encompasses officers required in those positions concerned with the planning, training, control and supervision of combined arms operations. Establishes combined arms doctrine, policy and priorities for the Army. Plans, controls and executes combat operations from brigade through Army level. Prepares detailed plans which support execution of national policies and strategy. Determines training needs of the Army and prepares and supervises training to support those needs. Establishes policies and standards for unit readiness and supervises unit efforts to meet readiness standards. Also, manages the force development process in the context of critical interaction and interrelationships between functions and systems of How the Army Runs. Establishes the composition of forces required to support plans, from the fiscally constrained force to the resourced force level. Provides authorization for the Program Objective Memorandum and Budget forces. Documents the force. Makes recommendations concerning the Tables(s) of organization and Equipment (ROE), The Army Authorization Document System (TAADS), The Force Development Management Information System (FDMIS), Force Accounting System (FAS), Total Army Analysis (TAA), Manpower Management, Force Modernization, Future Years Defense Plan (FYDP) and the Army Plan.

*b. Functional area qualifications.* DA Pam 600-3 lists qualifications for entry and professional development in this area.

*c. Operations, Plans and Training (54A).*

*(1) Description of duties.*

*(a)* Advises, plans, coordinates and supervises combined arms operations, planning, and training for the Army. In positions at Corps level and higher, the officer is concerned with the planning and application of military operations and strategy, and development and implementation of Army policy, roles, and missions. At division level and lower is responsible for developing and executing unit operations, training, plans and programs.

*(b)* Is the Army expert in the "How to" of training, as well as development and management of training functions. Plans and evaluates military operations. Prepares and reviews operations and concept plans to include war games. Participates in the Joint Operations Planning System. Establishes and monitors policy and standards for unit readiness. In staff positions in support command, or at installation or community level, is concerned with the execution of operations, plans and training in support of assigned missions.

*(c)* Determines the structure, composition, position, and equipment requirements/authorizations of Active and Reserve Component Army forces. Arranges all components in the force structure in integrated organizations and units.

*(2) Special qualifications.* Requires incumbent to be a graduate of CGSC. Reserve force officers are excluded from the CGSC requirement. Officers will attend the Force Development Officer Course prior to assignment to a Force Development position.

*(3) Special grading of positions.* For positions coded CPT and above.

*(4) Unique duty positions.*

*(a) TOE/MTOE Units.* Primary operations, plans or training staff positions at division level or higher will be coded AOC 54A. Selected brigade and higher positions may be coded AOC 54A as determined by the commander.

*(b) TDA Units.* Selected operations, plans and training positions at service school, integrating centers and MACOM headquarters (and above) will be coded AOC 54A.

*(c) Examples of duty positions.*

1. Far Plans Officer (DA ODCSOPS).
2. Airborne Command Post Operations Officer (Joint Command).
3. Operations and Training Staff Officer (Training Center).
4. Chief, Maneuvers/Exercise Section (MACOM/Joint Command).
5. Chief, Force Management (MACOM).
6. Force Integrator (ODSCOPS).
7. Force Modernization Officer (ODCSOPS).
8. Command Manager (ODCSOPS).
9. Force Structure Officer (Division, MACOM).
10. Organization Integrator (ODCSOPS).
11. Systems Integrator (ODCSOPS).

**3-39. Logistics (FA 90) (Proponent: Combined Arms Support Command)**

*a. Functional area description.* Ensures the development of officers to the grade of COL who are competent in planning and directing logistics operations from the factory to the foxhole, across the entire spectrum of logistics functions (that is; arm, fix, fuel, move and sustain the force). Provide progressive career and leader development through challenging command and staff assignments in logistics management. The FA 90 position identifier is used in personnel authorization documents to identify logistic officer positions in the grade of CPT to COL. These positions require experience in synchronizing and integrating the functions of supply and services, transportation, maintenance, aviation logistics, and medical service. FA 90 is a dual-track functional area for basic branch TC, OD, QM, and AOC 15D and 67A officers. Officers who meet the criteria for certification in FA 90 must also meet equivalent certification in their basic branch in the grade of MAJ, LTC, and COL.

*b. Functional area qualification.* DA Pam 600-3 lists qualification for entry and professional development in this functional area.

*c. Logistics (90A).*

*(1) Description of duties.* Serves in a logistics officer position at

DA staff, Joint staff, MACOM staff, Corps, Division, Group, Brigade, or Battalion. Responsible for planning, developing, and directing logistics operations, to ensure integrating the functions of supply and services, transportation, maintenance, aviation logistics, and medical service.

*(2) Special qualifications.*

*(a)* Served in a FA 90 assignment for at least 24 months.

*(b)* Attended the support operations course.

*(c)* Possess an advanced degree in logistics management.

*(3) Special grading of positions.* For positions coded CPT and above.

*(4) Position coding.* AOC 90A will be used in the first three positions and "00" will be used in the fourth and fifth positions.

*(5) Unique duty positions.*

*(a)* Director of Logistics.

*(b)* Support Operations Officer.

*(c)* Plans and Operations Officer.

*(d)* DA Logistics Staff Officer.

*(e)* Security, Plans and Operations Officer.

*(f)* JCS Logistics Staff Officer.

*(g)* DoD Logistics Staff Officer.

*(h)* MACOM Logistics Staff Officer.

*(i)* Division, Corps ACofS G4 or MACOM equivalent.

*(j)* Maneuver Brigade S4.

*(k)* Logistics School Assistant Commandants.

**3-40. Contracting and Industrial Management (97) (Proponent: Assistant Secretary of the Army Research, Development and Acquisition (RDA))**

*a. Functional area description.* The contracting function is a major segment of the Army Acquisition process which provides, through execution of contracts and related contract management responsibilities, materiel and services required to accomplish the Army and DoD missions. The FA 97 officer performs those functional duties which are intended to utilize the inventive and productive capabilities of government and industry to provide the weapons, ammunition, aircraft, missiles, vehicles, electronics and other essential materiel and services required by the Army and DoD. Functional Area 97 officers are faced with the challenge of bridging the management gap between civilian industry and the military, along with ensuring the Defense acquisition process procures the required weapon systems, supplies and services to support and sustain the readiness of our combat forces.

*b. Functional area qualifications.*

*(1) Qualifications.* Must be branch qualified and possess at least a baccalaureate degree preferably in the business, industrial engineering, or management fields. Advanced degrees are preferred in contracting/procurement systems management/engineering and business areas. Must attend the Management of Defense Contracts Basic Course prior to first assignment in the functional areas. Completion of DoD mandatory curriculum is required for specific job functions, assignments and grade levels.

*(2) Tracks.* There are three tracks a FA 97 officer may choose:

*(a) Dual track.* After an entry level assignment in the functional area, officers may alternate between branch and functional area assignments.

*(b) Single track.* Officers will have repetitive assignments in the functional area.

*(c) MAM track.* Officers will attend the MAM basic course and pursue experiences that support certification as a MAM officer. Completion of the Defense Systems Management College twenty week program management course is mandatory for certification. All FA 97 assignments support the MAM qualification requirements.

*(3) Training with Industry.* A unique feature of the FA 97 professional development program is the opportunity for selected officers to gain firsthand knowledge of the working of defense contractor operations through the TWI program. This is an entry level one year training program in a contractor's plant with a mandatory follow-on utilization tour with the Defense Logistics Agency or the Army Materiel Command (AMC). Participation is by application with only

those officers who have demonstrated potential for continued outstanding service being selected. See DA Pam 600-3 for a complete list of qualifications for entry and professional development in this FA.

*c. Contracting and Industrial Management Officer (97A).*

*(1) Description of duties.*

*(a)* Responsible for the overall development, implementation, management, direction and control of procurement programs, program planning and general supervision of major procurement activities or functions. Specific responsibilities include: preparation and coordination of advanced procurement planning; procurement program cost/budget forecasting; determination of contracting methodology; selection, formulation and review of contract types; evaluation of contract cost/price and decision risk analysis; implementation/management of systems/programs management, ensuring competition management goals are achieved while acting as the principal technical advisor to commanders and civilian officials Army-wide.

*(b)* The FA 97 officer is warranted (authorized) to legally obligate the U.S. Government. They enter into and terminate binding contractual agreements with a wide variety of corporate/government entities. Specific duties and responsibilities include: Negotiating and contracting for commodities (such as, major end items of equipment, weapons systems, spare and repair parts, ammunition, troop support items, a wide variety of commodity command managed items, facilities and systems, as well as design, maintenance and support services); analyzing and determining the suitability of requests for purchase; preparing the formal contracts and ensuring that all government terms/specifications/legal requirements and restrictions are incorporated and met as appropriate; establishing and managing the qualified bidders list; initiating/administrating invitations for bid, requests for proposal/solicitations to industry; conducting extensive managerial, industrial and financial capability analyses and evaluations to determine corporate responsiveness and responsibility prior to award; conducting formal government bid opening conferences with industry, while awarding, managing and terminating government contracts.

*(c)* The FA 97 officers are also responsible for applying industrial, manufacturing and production technical expertise within the procurement function. Specific responsibilities include: conducting technical analyses of contractors' manufacturing/production capabilities; conducting major system acquisition should cost

*(2) Special qualifications.* None.

*(3) Special grading of positions.*

*(a)* Contracting Officer (CPT/MAJ).

*(b)* Contract Administrator (CPT/MAJ).

*(c)* Director/Chief of Contracting (LTC/COL).

*(d)* Product Manager (LTC).

*(e)* Assistant Project Manager (LTC).

*(f)* Commander of a Defense Contract Administration Region, Management Area or Production Plant (LTC/COL).

*(g)* Commander of an Army Contracting Command (COL).

*(h)* Director of Procurement and Production (COL).

*(i)* Project Manager (COL).

*(4) Unique duty positions.* None.

## Chapter 4 Skill identifiers

### 4-1. Use of skills

*a.* Use of a SI for positions in authorization documents and criteria governing establishment of a skill is prescribed in AR 611-1.

*b.* Officers may receive skill classification through one of the following procedures:

(1) Officers will be classified with the proper skill upon successful completion at required skill qualification course certified by the school commandant, or the commander of the unit to which the officer is assigned.

(2) As a result of successful completion of civil schooling, per AR 611-1.

(3) As a result of work experience or contract training per classification guidance for the skill and AR 611-1.

### 4-2. Skills tables data

Skills tables data is as follows:

*a.* See table 4-1 for an alphabetical listing of skills.

*b.* Table 4-2 lists the criteria for designation of the degree of skill for AMEDD officer.

*c.* Table 4-3 is a numerical listing of skills that includes the code, title, proponent, description, qualification and restriction. Skill identifiers awarded only by CG, PERSCOM are shown in the restrictions paragraph.

**Table 4-1  
Alphabetical Listing of Skills**

Title	Code
Agricultural Officer	6U
Air Operations Officer	5U
Archivist	6W
Army Acquisition Corps Candidate Officer	4M
Army Research Associates Program	6X
Artificial Intelligence	4K
Attache	4S
Branch Automation Officer	4H
Certified Army Acquisition Corps Officer	4Z
Civil Defense Officer	5Y
Civil Supply Officer	6E
Claims/Litigation Specialist	3G
Cultural Affairs Officer	6V
Defense Sensor Interpretation and Application Training Program (DSIATP)	6A
Economist	6C
Equal Opportunity Advisor	5T
Force Management	3R
Government Contact Law Specialist	3D
Historian	5X
Inspector General	5N
Installation Management (IM)	6Y
Instructor	5K
Joint Command, Control and Communications (C3)	3K
Joint Duty Assignment Qualified	3A

**Table 4-1**  
**Alphabetical Listing of Skills—Continued**

Title	Code
Joint Planner	3H
Joint Specialty Officer	3L
M1A2, Abrams Tank	3J
M1/M1A, Abrams Tank	3M
M2 Bradley Infantry Fighting Vehicle/M3 Cavalry Fighting Vehicle	3X
Marine Diver	5V
Master Fitness Trainer	6P
Military Free Fall Special Operations	4X
Mobilization and Demobilization Operations	6M
Mortar Unit Officer	3Z
Mortuary Affairs Officer	4V
NBC Reconnaissance	5L
NSA Junior Officer Cryptologic Career Program	3W
Nuclear Chemical Target Analyst	5H
Operations Research/Systems Analysis	4B
Parachutist	5P
Pastorial Coordinator	7F
Pathfinder	5Q
Postal	4J
Public Communication Officer	6R
Public Education Officer	6D
Public Facilities Officer	6G
Public Safety Officer	6H
Public Transportation Officer	6F
Radio Frequency Manager	5D
Ranger	5R
Ranger-Parachutist	5S
Recruiting Officer (RO)	4T
Robotics	4R
Security Assistance	4P
Space Activities	3Y
Strategic Debriefing and Interrogator	3Q
Strategist	6Z
Strength Management Officer (SMO)	3I
Tactical Exploitation of National Capabilities (TENCAP)	3E
Technical Escort	5J
Training Development	7Q
Unit Air Movements Officer	3S
Underwater Special Operations	4W
Visual Information	5B

**Aviation Related Skills (for use with Aviator AOCs only)**

AH-1 Pilot	D2
AH-64A/B Pilot	D5
AH-64C/D Pilot	D7
Air Related	G7
Aviation Safety Officer	G8
C-12 Pilot	E5
C-20 Pilot	E3
C-21 Pilot	E6
C-23 Pilot	E7
C-26 Pilot	E8
CH-47A/B/C Pilot	C1
CH-47D Pilot	C2
EH-60 Pilot	B5
O-5A/EO-5B Pilot	F5
Engineering Test Pilot	G5
Maintenance Test Pilot	G6
MH-47E Pilot	K6
MH-60K Pilot	K5
OH-6 Scout Pilot	A5
OH-58D Scout Pilot	A3
OH-58D Warrior Pilot	A4
RC-12D/G/H Pilot	F3
RC-12K/N Pilot	F4
RU-21 Pilot	F2
Special Operations Aviation	K4
U-21 Pilot	E4
UH-1 Pilot	B1
UH-60 Pilot	B2

**Medical Related Skills (for use with medical AOCs only)**

**Table 4-1**  
**Alphabetical Listing of Skills—Continued**

Title	Code
Aviation Medicine Physician Assistant	M3
Blood Banking	8T
Clinical Nurse Specialist	7T
Clinical Nutrition Specialist	8I
Community Health Nursing	8F
Critical Care Medicine	M4
Critical Care Nursing	8A
Emergency Medicine Physician Assistant	M2
Emergency Nursing	M5
Health Facilities Planner	9I
Immunology	9G
Infection Control	8J
Medical Proficiency	9A
Medical Proficiency	9B
Medical Proficiency	9C
Medical Proficiency	9D
Medical Proficiency	9E
Medical Research, Development, Test and Evaluation	8Z
Microbiology	9F
Midwifery	8D
Nurse Recruiting	7V
Nurse Practitioner	8E
Obstetric and Gynecologic Nursing	8G
Orthopedic Physician Assistant	M1
Parasitology	9H
Pediatric Nursing	8L
Upper Extremity Musculoskeletal Evaluation	7H
Veterinary Food Technology	9T
Veterinary Laboratory Medicine	9U
<b>JAG Related Skills (for use with JAG AOCs only)</b>	
Claims/Litigation Specialist	3G
Government Contract Law Specialist	3D
International Law Specialist	3N
<b>Chaplain Related Skills (for use with chaplain AOCs only)</b>	
Chaplain Education and Training	7E
Chaplain Resource Manager	7M
Hospital Ministries	7R
Marriage and Family Ministries	7K
Pastoral Coordinator	7F

**Table 4-2**  
**Criteria for Degree of Proficiency for AMEDD Commissioned Officers**

**Branch Skill Code:** 9A (for personnel only)  
**Medical Corps, 60-62:** Determination by the Surgeon General's Classification Board on an individual basis. (According to OTSG Regulation 15-35.)  
**Dental Corps, 63:** Determination on an individual basis by The Surgeon General. (According to OTSG Regulation 15-35.)  
**Veterinary Corps, 64:** Determination by The Surgeon General's Classification Board on an individual basis. (According to OTSG Regulation 15-35.)  
**Army Medical Specialist Corps, 65:** Determination by the Surgeon General's Classification Board on an individual basis. (According to OTSG Regulation 15-35.)  
**Army Nurse Corps, 66:** Determination by the Surgeon General's Classification Board on an individual basis. (According to OTSG Regulation 15-35.)  
**Medical Service Corps, 67:** Determined by the Surgeon General's Classification Board on an individual basis. (According to OTSG Regulation 15-35.)

**Branch Skill Code:** 9B (for personnel only)  
**Medical Corps, 60-62:**  
 (1) Certification by the American Specialty Board in a particular specialty.

**Table 4-2**  
**Criteria for Degree of Proficiency for AMEDD Commissioned Officers—Continued**

(2) Certification in the subspecialty controlling American Specialty Board.  
**Dental Corps, 63:** Certification by a Board listed in SI 9C.  
**Veterinary Corps, 64:**  
 (1) Certification by a recognized American Specialty Board.  
 (2) Officers classified in a Medical Functional Area (MFA) for which there is no recognized American Specialty Board must possess SI 9C, have served in the specialty field while on active duty for not less than 10 years, and be recognized by The Surgeon General as having achieved an appropriate level of professional ability.  
**Army Medical Specialist Corps, 65:** Officers classified in AOC 65A, 65B, 65C, 65D who have continued to demonstrate professional excellence and good judgment, who have exhibited outstanding ability in supervision, education, consultation and/or research and who have contributed to advancement in the field of specialty. Normally must have a bachelor's degree with 14 years experience, a master's degree with 10 years experience or a PhD with 8 years of experience. Time spent in formal/long term training must be excluded when computing years of experience.  
**Army Medical Specialist Corps, 65:** NA  
**Army Nurse Corps, 66:** NA  
**Medical Service Corps, 67:** NA

**Branch Skill Code:** 9C (for personnel only)

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**Table 4-2**  
**Criteria for Degree of Proficiency for AMEDD Commissioned Officers—Continued**

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**Medical Corps, 60-62:**

(1) Completion of formal training to meet the American Specialty Board requirements of approved residency or fellowship in a recognized teaching center in the professional field.

(2) Completion of formal subspecialty training to meet the American Specialty Board Requirements.

**Dental Corps, 63:** Completion of an approved residency and/or academic program which meets the eligibility requirements of a specialty board approved by the American Dental Association, the American Board of Oral Medicines or the Federal Services Board of General Dentistry.

**Veterinary Corps, 64:**

(1) Completion of at least 9 months approved graduate training and 5 years of professional experience in a specialty field directly related to the MFA in which classified.

(2) Completion of 7 years of professional experience in a specialty field directly related to the MFA in which classified and have served on active duty for at least 2 years.

(3) Officers classified in AOC 75C--Completion of formal training in a veterinary preceptorship, residency, fellowship, or similar programs approved by The Surgeon General and eligible for certification in a specialty board approved by the American Veterinary Medical Association.

**Army Medical Specialist Corps, 65:** NA

**Army Nurse Corps, 66:** NA

**Medical Service Corps, 67:** NA

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**Branch Skill Code:** 9D (for personnel only)

**Medical Corps, 60-62:**

(1) Completion of 1 year of graduate medical education in a recognized teaching center or completion of 18 months of duty or practice limited to the professional specialty indicated by AOC 60D, 60E, 60J, 60K, 60L, 60N, 60P, 60S, 60T, 60V, 60W, 61F, 61H, 61J, 61L, 61M, 61P, 61Q, 61N, 61R, 61U, 61Z or 62A.

(2) Subspecialties. Successful completion of basic specialty training as prescribed by the American Specialty Board and completion of 1 year of subspecialty training in a recognized teaching center as indicated by AOC 60B, 60F, 60G, 60H, 60M, 60Q, 60U, 60Z, 61A, 60R, 61B, 61C, 61D, 61E, 61G or 61K.

(3) AOC 60C--Approved residency or fellowship in public health, degree of Master of Public Health, or graduate of Preventive Medicine Orientation.

(4) AOC 61N--Satisfactory Completion of course in variation medicine at either the U.S. Army Aeromedical Center, the U.S. Naval School of Aviation Medicine, or the U.S. Air Force School of Aerospace Medicine and be medically qualified for flying duty in accordance with AR 40-501, chapter 4.

(5) AOC 60E--2 years experience in general practice subsequent to internship.

**Dental Corps, 63:** Completion of a formal training program approved by the American Dental Association Council of at least 12 months duration to augment proficiency in the AOC.

**Veterinary Corps, 64:**

(1) Completion of at least 9 months approved graduate training with professional experience of at least 3 years in a field directly related to AOC 75A and service on active duty for at least 12 months.

(2) Be a veterinary officer with at least 5 years professional experience in a field directly related to the MFA in which classified and have served on active duty for at least 12 months.

(3) Completion of at least 1 year in a preceptorship program approved by The Surgeon General.

**Army Medical Specialist Corps, 65:** Not used.

**Army Nurse Corps, 66:** NA

**Medical Service Corps, 67:** NA

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**Branch Skill Code:** 9E (for personnel only)

**Medical Corps, 60-62:** Intern, in the first year of a Graduate Medical Education Program, which upon successful completion, will result in the Medical Proficiency of 9D. While an intern, the officer will be awarded the AOC specialty in which they are training, with the medical proficiency SI 9E.

**Dental Corps, 63:** Full time resident in a formal education training program which, upon successful completion, will result in the award of Medical Proficiency SI 9D or 9C. While a resident in an education

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**Table 4-2**  
**Criteria for Degree of Proficiency for AMEDD Commissioned Officers—Continued**

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training program, the dental officer will be awarded the AOC of the specialty in which he is training along with the medical proficiency SI 9E.

**Veterinary Corps, 64:** NA

**Army Medical Specialist Corps, 65:** NA

**Army Nurse Corps, 66:** NA

**Medical Service Corps, 67:** NA

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**Table 4-3**  
**Numerical Listing of Skill Identifiers**

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**Code:** 3A

**Title:** Joint Duty Assignment Qualified

**Proponent:** PERSCOM (TAPC-OPD-J)

**a. Description of positions.**

(1) Identifies Army Joint Duty Assignment (JDA) positions, designated by the Secretary of Defense to comply with the Defense Reorganization Act of 1986 which can be effectively supported by an officer who has completed a joint tour but has yet to be designated a JSO.

(2) These are Army basic branch and functional area positions which are located in educational institutions, service component headquarters, interagency organizations, joint or multi-national commands or activities involved in the education, planning, employment, or support of joint and multinational forces.

**b. Qualifications.** Officers who have completed a joint duty assignment and have been awarded joint tour credit by TAPC-OPD-J but have not yet been nominated or approved for the JSO designation.

**c. Restrictions.** Officers will be awarded with this specialty only after nomination by TAPC-OPD-J.

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**Code:** 3D

**Title:** Government Contract Law Specialist

**Proponent:** OTJAG

**a. Description of positions.** For positions which require familiarity with appropriated and non-appropriated fund acquisitions and contracts.

**b. Qualifications.** Requires completion of the JAG graduate course, served in two major acquisition or government contract assignments (one must have been involved providing advice at the level of contracting officer or above, or the performance of supervisory duties of a senior trial attorney practicing before the Armed Services Board of Contract Appeals). Successful completion of a master's degree program in Government Contract Law may be substituted for one of the major acquisition assignments.

**c. Restrictions.** For use with JAG Branch AOC only.

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**Code:** 3E

**Title:** Tactical Exploitation of National Capabilities (TENCAP)

**Proponent:** USAIC&FH

**a. Description of positions.** Identifies systems operations, national research and development, and staff positions that require knowledge, training, and experience in TENCAP systems and capabilities.

**b. Qualifications.** Must successfully complete either the TENCAP Operations Course, USAICS, Ft Huachuca, AZ, or for those officers involved in Research, Development and Acquisition (FA 51) or Materiel Acquisition Management (SI 4Z), be nominated by the Director, Army Space Program Office

e. Requires a security clearance of TOP SECRET with eligibility for access to sensitive compartmented information (SCI).

**c. Restrictions.** Use of this skill in authorization documents requires prior approval of the Office of the Chief of Military Intelligence, ATTN: ATSI-MI, Ft Huachuca, AZ 85613-7000. Award authority for this skill is strictly limited to the Chief of Military Intelligence.

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**Code:** 3G

**Title:** Claims/Litigation Specialist

**Proponent:** OTJAG

**a. Description of position.** For positions which require extensive knowledge and experience in claims.

**b. Officer qualifications.** Requires completion or credit for the basic and graduate courses at The Judge Advocate General's School and:

(1) At least 5 years experience in claims or litigation duties consisting of:  
(a) Full-time duty as a claims judge advocate in a field staff judge advocate office of OCONUS command claims service with tort or mixed tort and personnel claims experience, or--

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

(b) Duty as a medical claims judge advocate, or--  
(c) Duty at the U. S. Army Claims Service, or--  
(d) Duty in Tort Branch, Litigation Division, OTJAG, or as a full-time Special Assistant United States Attorney whose principal duties were tort litigation, or--  
(e) Duty as an instructor in claims and litigation at The Judge Advocate General's School, or--  
(2) Completion of 3 years of service with the U. S. Army Service or the Tort Branch, Litigation Division, OTJAG, or as an instructor in claims and litigation at The Judge Advocate General's School.  
**c. Restrictions.** For use with JAG branch AOC only.

**Code:** 3H

**Title:** Joint Planner

**Proponent:** USACAC

**a. Description of positions.** Identifies positions requiring personnel qualified in the Joint Operation Planning and Execution System (JOPES), formerly the Joint Operation Planning System (JOPS) and Joint Development System (JDS).

**b. Qualifications.** Completion of one of the following:

- (1) Resident U.S. Army Command General Staff Officer Course (USACGSOC) and the USACGSOC Joint Planner Program.
- (2) Joint Planning Orientation Course (JPOC) and the JOPES Users Course conducted by the Joint Training Office (JTO), U.S. Transportation Command (USATRANSCOM).
- (3) Completion of the JPOC, the JOPS III Course conducted by the Air Training Command, and the JDS Course conducted by the JTO, USATRANSCOM.

**c. Restrictions.** None.

**Code:** 3I

**Title:** Strength Management Officer (SMO)

**Proponent:** OCAR (FTSMC)

**a. Description of positions.** Identifies positions requiring USAR AGR officers with special training and experience to serve as Strength Management Office (SMO).

**b. Qualifications.** Prior to 1 January 1989, officers must have successfully served for 1 year in an approved SMO or Deputy SMO position. After 1 January 1989, officers must have graduated from the USAR Strength Management Course and serve successfully for 1 year in a SMO or Deputy SMO position.

**c. Restrictions.** For use with USAR--AGR SMO and Deputy SMO positions only.

**Code:** 3J

**Title:** M1A2 Abrams Tank

**Proponent:** USAARMS

**a. Description of positions.** Identifies positions which require an incumbent who possesses detailed knowledge on the operation of the M1A2 Abrams tank and its weapons systems.

**b. Qualifications.** Requires completion of the M1A2 Tank Commander Certification Course at the U.S. Army Armor Center or transition with a unit receiving these vehicles.

**c. Restrictions.** For use with Armor Branch AOCs only.

**Code:** 3K

**Title:** Joint Command, Control and Communications (C3)

**Proponent:** USACAC

**a. Description of positions.** For positions that require detailed knowledge in C3 systems and procedures related to joint command, joint staff, and Army major command centers including staff positions which interface with the joint area

b. This skill is normally used in the following branches or FAs: 25, 35, 53, and 54.

**b. Qualifications.** Requires successful completion of the Joint C3 Course at the Armed Forces Staff College, Norfolk Naval Base, VA.

**c. Restrictions.** None.

**Code:** 3L

**Title:** Joint Specialty Officer

**Proponent:** PERSCOM (TAPC-OPD-J)

**a. Description of positions.**

- (1) Identifies "critical" Army Joint Duty Assignment (JDA) positions, designated by the Secretary of Defense to comply with the Defense Reorganization Act of 1986.
- (2) These are Army basic branch and functional area positions which are

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

in educational institutions, service component headquarters, interagency organizations, joint or multi-national commands or activities that are involved in the education, planning, employment, or support of joint and multi-national forces.

(3) All SI 3L JDA positions must be filled by qualified officers possessing the SI 3L or a joint specialty officer qualification waiver approved by the Secretary of Defense.

**b. Qualifications.** Officers awarded SI 3L must:

- (1) Be in the grade of MAJ or above.
- (2) Have successfully graduated from an accredited intermediate Joint Professional Military Education (JPME) level 1 school and either the resident intermediate or senior JPME level II programs of the Armed Forces Staff College, the Industrial College of the Armed Forces, National War College or other intermediate and senior service college resident program approved by the Secretary of Defense and--
- (3) Have completed a joint duty assignment, been awarded joint tour credit by TAPC-OPD-J, and been selected by the Secretary of Defense for designation as a Joint Specialty Officer (JSO).
- (4) The Secretary of Defense may waive completion of a full 36 month Joint Duty Assignment.

**c. Restrictions.** Officers will be awarded this specialty after nomination by HQDA (TAPC-OPD-J) and approval by the Secretary of Defense. Positions will be coded with this specialty only after being designated on the approved Secretary of Defense Joint u Duty Assignment List.

**Code:** 3M

**Title:** M1/M1A1 Abrams Tank

**Proponent:** USAARMS

**a. Description of positions.** Identifies positions which require an incumbent who possesses detailed knowledge on the operation of Abrams Tank family, and its weapons systems.

**b. Qualifications.** Requires completion of an M1/M1A1 Tank Course at the U.S. Army Armor Center, or transition with a unit receiving these vehicles.

**c. Restrictions.** For use with Armor Branch AOC only.

**Code:** 3N

**Title:** International Law Specialist

**Proponent:** OTJAG

**a. Description of positions.** For positions which require familiarity of international law.

**b. Qualifications.** Requires successful completion of the JAG graduate course and--

- (1) Service for at least 3 years in a position requiring at least half of the officer's time to be devoted to international law; or
- (2) Service for 3 years as an instructor in the International Law Division at TJAG School; or
- (3) Service for at least 2 years in a capacity under (1) or (2) above and 1 year of post graduate legal study specializing in international law; or
- (4) Any combination of 3 years under the foregoing categories.

**c. Restrictions.** For use with JAG Branch AOC only.

**Code:** 3Q

**Title:** Strategic Debriefer and Interrogator

**Proponent:** USAIC&FH

**a. Description of positions.** Identifies positions requiring incumbents to possess additional specialized skills in strategic debriefing and interrogation of civilian defectors, refugees, travelers, and resettlers, whether U.S. citizens or foreign nationals. These personnel are usually outside the scope of tactical operations and most are briefed/debriefed differently than military personnel. Duties include the conduct of strategic debriefings and the preparation of appropriate reports.

**b. Qualifications.** Individuals must have successfully completed the strategic debriefing and interrogation training course at the U.S. Army Intelligence Center and School. Individuals must be language qualified per AR 611-6.

**c. Restrictions.** This skill is to be used only with positions coded as 35B, or 35F as the principal discipline. It will only be awarded to MI Branch Officers. Positions coded with this skill will utilize the duty position title of "Strategic Debriefing and Interrogator (Strat Debrfer)".

**Code:** 3R

**Title:** Force Management

**Proponent:** ODCSOPS

**a. Description of positions.** Identifies positions which require an incumbent who possesses detailed knowledge of Force Management

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

(FM). The FM Officer serves as a staff officer at installation level through DA staff and is the expert on how to raise, train and sustain forces. Their knowledge allows them to determine Army requirements, develop and structure forces, and how to modernize, station and maintain units using the tenets of the Army Life Cycle Management Model.

**b. Qualifications.** Must complete the Force Management Course at the Army Force Management School, Ft Belvoir, VA.

**c. Restrictions.** None.

**Code:** 3S

**Title:** Unit Air Movements Officer

**Proponent:** USATSCH

**a. Description of positions.** Identifies positions responsible for preparing/ensuring that units, to include their personnel and equipment, are capable of air deployment. Requires knowledge of loading and securing unit vehicles, equipment, and supplies and movement of unit personnel on aircraft. Requires a working knowledge of air load planning, documentation and procedures necessary for the successful deployment of units world-wide and related strategic mobility missions.

**b. Qualifications.** Must be a graduate of the Air Deployment Planning Course or have equivalent training, or experience.

**c. Restrictions.** None.

**Code:** 3W

**Title:** NSA Junior Officer Cryptologic Career Program

**Proponent:** USAIC&FH

**a. Description of positions.** Identifies positions requiring incumbents to possess in-depth knowledge of strategic signals intelligence collection and analysis processes. Duties include strategic signals intelligence operations and interface between strategic and tactical intelligence systems for officers assigned to Corps, Theater, and Army level units.

**b. Qualifications.** Individuals must have successfully completed the three year National Security Agency Junior Officer Cryptologic Career Program.

**c. Restrictions.** For use with positions coded and officers classified in AOC 35G and for Aviation Intelligence Officers (AOC 15C) who possess AOC 35G. May only be withdrawn by HQDA upon recommendation of the CG, INSCOM. Positions of Commander and S3 of U.S. Army Field Stations will be coded with this skill.

**Code:** 3X

**Title:** M2 Bradley Infantry Fighting Vehicle/M3 Cavalry Fighting Vehicle

**Proponent:** USAIS

**a. Description of positions.** Identifies positions which require an incumbent who possesses detailed knowledge in the operation of the M2/M3 Fighting Vehicle.

**b. Qualifications.** Individuals must have successfully completed the M2/M3 Fighting Vehicle Commanders Course at Fort Benning or Fort Knox, or have successfully completed the New Equipment Training.

**c. Restrictions.** For use with Armor and Infantry Branch AOCs only.

**Code:** 3Y

**Title:** Space Activities

**Proponent:** USA Space Command

**a. Description of positions.** Identifies positions that require the assignment of officers who can apply technical knowledge of either the space environment, space system composition and functioning, space related technologies, or civilian-military operations. Such positions require incumbents to formulate space policy, develop space related operational concepts, and evolve doctrine of law; to conduct research in, and development of technologies applied to the space environment, testing, and acquisition of space systems; or to plan, evaluate and implement the tactics and techniques for the operation and use of space systems, including platform and/or payload control.

**b. Qualifications.** Individuals must have 1 year of successful duty performance in a documented Space Activities (SI 3Y) position or successful completion of the Joint Space Fundamentals Course and 6 months in a documented Space Activities (SI 3Y) position or successful completion of Undergraduate Space Training or a Bachelor of Science Degree in Aero Space Engineering, Aero Space Medicine, Robotics, or other space related technical fields or completion of the elective Space Activities portion of the CGSC.

**c. Restrictions.** The addition or deletion of SI 3Y from authorization documents MTOE and TDA must be coordinated in writing and be approved by the Commander, U.S. Army Space Command, ATTN: MOSC-SP, 1670 N. Newport Road, Colorado Springs, Colorado 80914-

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

5000. Officers who qualify for award of SI 3Y should submit their request DA Form 4187 (Personnel Action) delineating qualifications, along with a copy of their current Officer Record Brief (ORB), through their Commander to the Commander, U.S. Army Space Command, ATTN: MOSC-SP, 1670 N. Newport Road, Colorado Springs, Colorado 80914-5000.

**Code:** 3Z

**Title:** Mortar Unit Officer

**Proponent:** USAIS

**a. Description of positions.** Identifies positions which require the assignment of officers who are qualified to command mortar units.

**b. Qualifications.** Individuals must have successfully completed the Infantry Mortar Platoon Course at Ft Benning, Georgia.

**c. Restrictions.** For use with Infantry and Armor Branch AOCs only.

**Code:** 4B

**Title:** Operations Research/Systems Analysis

**Proponent:** USATRAC

**a. Description of positions.** Principal duties are related to a branch or functional area other than 49 and OR/SA training is applied as a secondary aspect of the job. Positions which require the following skills are appropriate for OR/SA skill coding:

(1) Analytical Skills.

(a) Experience with and ability to apply the "Scientific Method" to problem solving.

(b) Deductive reasoning through basic statistical analysis and hypothesis testing.

(c) Basic experimental design and sampling techniques.

(d) Basic computer programming.

(2) Application of existing methodology to problem solving.

(3) Exercise and update existing models.

**b. Qualifications.** The OR/SA Military Development Skills Course is the standard entry level training for skill designation. In order to attend, an officer must have a bachelor's degree.

**c. Restrictions.** Can not be used with FA 49.

**Code:** 4H

**Title:** Branch Automation Officer

**Proponent:** USASIGS

**a. Description of positions.** Identifies Systems Automation Officer positions in authorization documents which are aligned with a branch or functional area

**b. These positions support branch or functional area unique requirements for officers with automation skills and knowledge**

**b. Qualifications.** Automation knowledge and skills requirements may vary by position, but as a minimum individuals must have received credit for attending the Systems Automation Course, Computer Science School, Ft Benjamin Harrison, IN and meet qualification requirements established by the controlling branch.

**c. Restriction.** Cannot be used with FA 53.

**Code:** 4J

**Title:** Postal

**Proponent:** USAAGS

**a. Description of positions.** Identifies positions which are concerned with formulating policies for and directing the activities of units engaged in postal operations.

**b. Qualifications.** Individuals must have completed the Postal Operations Course and/or the Postal Supervisors Course at the Adjutant General School, Ft Benjamin Harrison, IN or successfully completed one year in a postal assignment.

**c. Restrictions.** This skill is to be used only with positions coded AOC 42 E. It will only be awarded to Adjutant General's Corps Branch Officers.

**Code:** 4K

**Title:** Artificial Intelligence

**Proponent:** SAIS-AI (U.S. Army Artificial Intelligence Center)

**a. Description of positions.** Identifies positions which require the individual to conceptualize, design and develop automated systems incorporating Artificial Intelligence (AI) techniques or to perform ORSA analysis using AI to augment conventional analysis techniques. These positions require incumbents to choose among and apply an assortment of knowledge representation techniques such as declarative logic, rule-based systems, and object oriented data structures. Examples of analysis techniques include conventional tools such as linear

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

programming and regression as well as AI techniques, such as Artificial Neural Networks. The following positions are examples of duties which require this skill coding:

- (1) Software architects responsible for selecting and integrating AI techniques for improved system performance.
- (2) Application efforts involving analysis, design, and development of automated systems requiring AI related techniques, such as knowledge-based systems.
- (3) Program directors monitoring software development for AI systems and/or integrating AI components and modules into other automated systems.
- (4) Instructors for courses in expert system development, knowledge representation techniques, or Artificial Intelligence enhancements to decision support systems.
- (5) Responsibilities involving the testing and life cycle support of AI systems.

**b. Qualifications.** Officers awarded SI 4K must possess at least one of the following qualifications:

- (1) Hold a master's or doctorate degree in Artificial Intelligence.
  - (2) Hold a master's or doctorate degree in Computer Science, Operations Research/Systems Analysis, Management of Information Systems or related degree with graduate level course work to include:
    - a) Artificial Intelligence--Fundamentals.
    - b) Building Expert Systems.
    - c) Software Engineering.
    - d) Introduction to Data Structures and Algorithms.
    - e) Systems Analysis and Design.
    - f) Data Base Design.
  - (3) Hold a master's or doctorate degree in Computer Science, Operations Research/Systems Analysis, Management of Information Systems, or related degree and possess at least 1 year of documented experience and accomplishment in a position applying AI techniques to the development of automated systems.
  - (4) Have completed an AI course at any Army training center (ALMC ITOR or SIGCEN AI) and possess at least 1 year of documented experience and accomplishment in a position applying AI techniques to the development of automated systems.
  - (5) Have completed an extensive AI training program which has been approved by the proponent. The Artificial Intelligence Program sponsors Training with Industry (TWI) and Visiting School or programs at leading commercial and academic institutions which will satisfy this requirement.
- c. Restrictions.** Positions and officers will be coded with this SI only with the approval of the Director, U.S. Army Artificial Intelligence Center (SAIS-AI).

**Code:** 4M

**Title:** Army Acquisition Corps Candidate Officer

**Proponent:** ASARDA

**a. Description of positions.** Identifies officers as Army Acquisition Corps (AAC) candidates by HQDA, PERSCOM selection board, and to designated positions with TDAs for AAC candidate development. As a position code, it applies to those positions to which candidate officers will be assigned to receive developmental training in all acquisition functions. All CPTs and MAJs FA 51, FA 97 and approved excepted programs, that is, AOC 53B and 53C positions will be coded with SI 4M and managed by the AAC personnel proponent. Criteria to designate SI 4M positions will be limited to non-4Z critical positions involved in the acquisition functions of: acquisition management; procurement and contracting; science and engineering; production; acquisition logistics; business, cost estimating, and financial management; and auditing. A complete explanation of the AAC is in DA Pam 600-3, chapter 50.

**b. Qualifications.** SI 4M will be awarded by HQDA, PERSCOM upon selection as an AAC candidate. Officers who possess FA 51, FA 97 or are members of approved programs, that is AOC 53B or 53C and meet the following criteria, may be designated or apply:

- (1) CPT through MAJ.
- (2) Officers designated by the PERSCOM Acquisition Accession Board must possess FA 51, FA 97, AOC 53B, or AOC 53C.
- (3) At least 4 years AFCS remaining.
- (4) Appropriate MEL.
- (5) Baccalaureate degree or higher in technical, scientific, or managerial field.
- (6) Demonstrated outstanding performance and potential.
- (7) Applicant approval from control branch or functional area (single track officers).

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

(8) Applicant must express a desire to serve in PM and other designated critical AAC positions. Selected, training, retention and other program requirements to include procedures for documentation of excepted programs are specified in DA Pam 600-3, chapter 50.

**c. Restrictions.** SI 4M can only be awarded to officers by the Commander, U.S. Total Army Personnel Command (PERSCOM). Positions coded with SI 4M must either be coded with AOC 51A, 51B, 51C, 97A, 53B (CPT and MAJ only), or 53C in the primary position of the PRC and fall within the criteria described in paragraph a above. Positions coded 4M are designated as AAC developmental positions and will be filled only with officers who have been selected as AAC candidates and awarded SI 4M. The AAC personnel proponent will review and approve or disapprove additions or deletions of SI 4M to a PRC, or any change of grade or AOC for an approved SI 4M position. Request for additions or changes to SI 4M positions will be in the form of a memorandum submitted through the requestor's major command to Deputy Director, Acquisition Career Management, ATTN: SARD-C, Washington, D.C. 20031-0130.

**Code:** 4P

**Title:** Security Assistance

**Proponent:** ODCSLOG

**a. Description of positions.** Identifies positions requiring officers qualified as security assistance officers serving in or attached to security assistance offices overseas or as security assistance staff officers.

**b. Qualifications.** Officer must have served successfully completed training at the Defense Institute of Security Assistance management.

**c. Restrictions.** None.

**Code:** 4R

**Title:** Robotics

**Proponent:** SAIS-AI (U.S. Army Artificial Intelligence Center)

**a. Description of positions.** Identifies positions requiring the individual to conceptualize, design and develop automated systems, mechanical systems and electronic systems in support of Robotics initiatives, or manage efforts of others doing so. The following positions are examples of duties which require this skill coding:

- (1) Selection of applications in which Robotics may make a significant contribution toward system development.
- (2) Analysis and design of electrical, mechanical, communications, and software systems involving Robotics.
- (3) Development of systems involving Robotics.
- (4) Program/contract direction and monitoring involving Robotics.
- (5) Research efforts involving Robotics.

**b. Qualifications.** Officers awarded SI 4R must possess at least one of the following qualifications:

- (1) A master's or doctorate degree in Robotics.
- (2) Hold a master's or doctorate degree in AI with an area specialization in Robotics.
- (3) A master's or doctorate degree in Computer Science, Electrical Engineering, or Mechanical Engineering with graduate level courses to include:
  - (a) Introduction to Robotics and Computer Vision.
  - (b) Advanced Robotics.
  - (c) Control Theory.
  - (d) Computer Vision.
  - (e) Artificial Intelligence--Fundamentals.
  - (f) Design of Knowledge--Based Systems.
  - (g) Computation Models for the Semantics of Natural Languages.
- (4) A master's or doctorate degree in Computer Science, Electrical Engineering, or Mechanical Engineering and at least 1 year of documented experience and accomplishment in a position applying Robotic technology to the development of automated systems.

**c. Restrictions.**

- (1) Positions and officers will be coded with this SI only with the approval of the Director, U.S. Army Artificial Intelligence Center (SAIS-AI).
- (2) Positions will be coded for grades 1LT and above.

**Code:** 4S

**Title:** Attache

**Proponent:** ODCSOPS

**a. Description of positions.** Maintains relations between the U.S. Army and armies of the country in which assigne

d. Provides military advice to the chief of the diplomatic mission.

**b. Qualifications.** Officer must have attended the Attache Course

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

(Defense Intelligence School) and served successfully for at least 1 year in an attache position.

**c. Restrictions.** None.

**Code:** 4T

**Title:** Recruiting Officer (RO)

**Proponent:** USAREC

**a. Description of positions.** Identifies positions wherein the formulation of plans and policies, and the direction of activities relative to the recruitment of civilians into the Army, are the primary concerns.

**b. Qualifications.** Requires successful duty performance for at least 1 year in a key recruiting officer position.

**c. Restrictions.** For positions within USAREC only.

**Code:** 4V

**Title:** Mortuary Affairs Officer

**Proponent:** USAQMS

**a. Description of positions.** Plans, directs and coordinates mortuary affairs operations involving search, recovery, tentative identification, and evacuation of deceased U.S. military personnel. Collects, safeguards, and accounts for personal effects of those deceased

**d.** Directs battlefield mortuary affairs operations. Plans and coordinates mortuary affairs support to military and civil mass casualty operations.

**b. Qualifications.** Must have completed the Quartermaster Basic or the Combined Logistics Officers Advanced Course, and the Mortuary Affairs Officer Course.

**c. Restrictions.** For use with AOC 92A only.

**Code:** \*4W

**Title:** Underwater Special Operations

**Proponent:** USAJFKSWCS

**a. Description of positions.** For Special Operations Scuba Teams that infiltrates via underwater operations.

**b. Qualifications.** Requires successful completion of the Combat Divers Qualification Course, Key West, FL.

**c. Restrictions.** For use with AOC 18A only.

**Code:** \*4X

**Title:** Military Free Fall Special Operations

**Proponent:** USAJFKSWCS

**a. Description of positions.** For special operations free fall teams which infiltrate through means of a high altitude, low opening parachute, and positions on the U.S. Army Airborne Board.

**b. Qualifications.** Requires successful completion of the Basic Airborne Course and the Military Free Fall Parachutist Course.

**c. Restrictions.** For use with AOC 11A, 15A, 21B, 25D, 49A, 92D and Immaterial Code 02A on the U.S. Army Airborne Board and AOC 18A only.

**Code:** 4Z

**Title:** Certified Army Acquisition Corps Officer

**Proponent:** ASARDA

**a. Description of positions.** Designates LTC and above FA 51 and FA 97 critical Army Acquisition Corps (ACC) positions where the incumbent is responsible for and requires comprehensive knowledge and expertise in the acquisition of Army materiel systems. It applies to key materiel acquisition staff and program management activities responsible for the full range of functions in the materiel acquisition life cycle

**e.** Selected FA 51, 97 and approved excepted programs (FA 52, FA 53) positions will be coded with SI 4Z and intensively managed by the AAC personnel proponent. Criteria to determine SI 4Z positions is limited to the following:

(1) All positions mandated by Public Law 99-145 (FY 1986 Defense Authorizations Act) as implemented in DoD Directive 5000.52 (Defense Acquisition Education and Training Program).

(2) All HQDA centrally selected and General Officer (GO) Program/Project/Product Manager (PM) positions.

(3) All HQDA centrally selected FA 51 and FA 97 Acquisition and Procurement Command positions.

(4) All Program Executive Officer (PEO) positions.

(5) COL positions authorized in lieu of GO requirements in a procurement command (Public Law 101-189 defines procurement command as the Army Materiel Command, the Army Information Systems Command and the Army Strategic Defense Command).

(6) All LTC/COL positions reporting directly to a PM/PEO.

(7) Army LTC/COL acquisition instructor positions at the Defense

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

Systems Management College (DSMC), Army Logistics Management College (ALMC) and Senior Service Colleges.

(8) The Military Deputy to the Assistant Secretary of the Army (Research, Development and Acquisition), ASA(RDA), and selected ASA(RDA), staff positions. (9) Other HQDA or MACOM positions approved by the AAC personnel proponent. There are usually two categories of expertise involved in AAC positions: functional acquisition experience, and branch or user experience

**e.** The primary functions of all SI 4Z positions are acquisition related and, in most instances, branch or user expertise is also required

**d.** As an example, in a position coded 51D124Z, the 51D AOC (Acquisition) indicates the acquisition duties and the 12-branch code indicates the Armor Branch expertise required to complement the acquisition duties. A complete explanation of the AAC is in DA Pam 600-3, chapter 101.

**b. Qualifications.** Awarded only upon certification by HQDA Officers must be MAJ(P) or above, have successfully participated in the AAC, and must meet all the following additional criteria: graduated from the Command and Staff College or its equivalent; 3 years experience in the acquisition, maintenance and support of weapons system (8 years for COL/GO with 1 year in a procurement command or on the staff of a service acquisition executive, program executive officer, or program manager of a military department 2 years for COL/GO); demonstrated high level of performance; graduated from the Defense Systems Management College (DSMC) Program Management Course (PMC).

**c. Restrictions.** Positions coded with SI 4Z must either be coded with AOC 51A, 51D, 53C, or 97A in the primary position of the PRC and fall within the criteria described in paragraph a above. Positions coded SI 4Z are designated as critical AAC positions and will be filled only with officers who have been certified as AAC officers and awarded SI 4Z. The AAC personnel proponent will review and approve/disapprove exceptions to the authorized coding of critical AAC positions which do not meet position descriptions in paragraph a above or the coding restrictions in this paragraph, additions or deletions of SI 4Z to a PRC, or any change of grade or AOC for an approved (existing) 4Z position. Requests for exceptions to authorized coding and/or requests for additions or changes to SI 4Z positions must be clearly justified and must include a detailed job description for each position. Requests will be in the form of a memorandum submitted through the requestor's major command to Director, Acquisition Career Management, ATTN: SARD-AC, Washington, DC 20310-0103.

**Code:** 5B

**Title:** Visual Information

**Proponent:** USASIGS

**a. Description of positions.** For positions that require an incumbent who possesses detailed knowledge of and is skilled in audiovisual documentation, production, distribution and facility management.

**b. Qualifications.** Requires a Bachelor's Degree in Educational Audiovisual Communications, motion picture production, television production or broadcasting and/or having served in a position requiring SI 5B for a period of 1 year or more.

**c. Restrictions.** For use with Signal Branch and Public Affairs functional areas AOCs only.

**Code:** 5D

**Title:** Radio Frequency Manager

**Proponent:** USASIGS

**a. Description of positions.** For positions that require analysis of all military and civilian electromagnetic emitters and planning for integration of all emitters throughout the usable electromagnetic spectrum. Involves worldwide allocation of frequencies within geographical area commands, assignment of specific frequencies within geographical commands, determination of antenna configuration, peak power limits, broadcast time limits, and compatibility of spectrum usages and emitters.

**b. Qualifications.** Requires successful completion of the Interservice Frequency Management Course conducted at Keesler AFB, MS or experience in positions requiring frequency management skills.

**c. Restrictions.** For use with Signal Branch AOCs only.

**Code:** 5H

**Title:** Nuclear Chemical Target Analyst

**Proponent:** USAFAS

**a. Description of positions.** For positions which require assignment of personnel qualified to perform nuclear and chemical weapons target

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

analysis and nuclear vulnerability assessments.

**b. Qualifications.** Individuals must have completed the Nuclear and Chemical Target Analyst (Advanced or Resident/Nonresident) Course at Ft Sill, OK or other school with Field Artillery School certification. List of certified schools can be obtained from the Nuclear Weapons Employment Division, U.S. Army Field Artillery School.

**c. Restrictions.** To be qualified for assignment, officer must have completed either the resident Target Analyst Course or the prescribed nonresident refresher course within the past 5 years.

**Code:** 5J

**Title:** Technical Escort

**Proponent:** USAOCS

**a. Description of positions.** Identifies positions requiring the incumbent to supervise the transport and escort of hazardous materials.

**b. Qualifications.** Must complete the Technical Escort Course.

**c. Restrictions.** For use with Chemical AOC 74A, B, and C, and Ordnance AOC 91E.

**Code:** 5K

**Title:** Instructor

**Proponent:** Hq TRADOC

**a. Description of positions.** Identifies instructors as subject matter experts and doctrine writers within the training and training development process.

**b. Officer qualifications.** Individuals must have graduated from both the Instructor Training and Systems Approach to Training courses.

**c. Restrictions.** None.

**Code:** 5L

**Title:** NBC Reconnaissance

**Proponent:** USACMLS

**a. Description of positions.** Identifies position in a NBC Reconnaissance platoon/company and command positions in chemical companies with an organic NBC recon platoon that requires special training and skills to operate M93, NBC Reconnaissance System (NBCRS).

**b. Qualifications.** Must successfully complete Branch Code 74 Officer Basic Course taught at USACMLS, Ft McClellan, AL, prior to attendance at NBC Reconnaissance Course at USACMLS. Reserve Component soldiers in Branch 74 are eligible to be awarded SI 5L upon successful completion of the course held at Ft McClellan, AL.

**c. Restrictions.** For use with Branch 74 only in the grade of LT and CPT assigned to or enroute to a SI 5L position.

**Code:** 5N

**Title:** Inspector General

**Proponent:** OTIG

**a. Description of positions.** Identifies positions which require assignment of personnel detailed by The Inspector General as outlined in AR 20-1.

**b. Qualifications.** Requires selection for IG duties by The Inspector General under AR 20-1 and completion of the IG Course.

**c. Restrictions.** None.

**Code:** 5P

**Title:** Parachutist

**Proponent:** USAIS

**a. Description of positions.** Identifies positions requiring assignment of personnel with a current parachutist rating and are physically qualified for parachutist duty.

**b. Qualifications.** Award and withdrawal of skill identifier will be in accordance with AR 614-110.

**c. Restrictions.** None.

**Code:** 5Q

**Title:** Pathfinder

**Proponent:** USAIS

**a. Description of positions.** Identifies positions which require Pathfinder skills and knowledge of Pathfinder training.

**b. Qualifications.** Individuals must have successfully completed the Pathfinder course conducted by the U.S. Army Infantry School at Ft Benning, GA.

**c. Restrictions.** None.

**Code:** 5R

**Title:** Ranger

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

**Proponent:** USAIS

**a. Description of positions.** Identifies positions which require Ranger skills and a knowledge of Ranger training.

**b. Qualifications.** Individuals must have successfully completed a Ranger course conducted by the U.S. Army Infantry School.

**c. Restrictions.** None.

**Code:** 5S

**Title:** Ranger-Parachutist

**Proponent:** USAIS

**a. Description of positions.** Identifies positions which require individuals who are both Ranger and parachutist qualified.

**b. Qualifications.** Individuals must meet the qualifications for SI 5P and 5R.

**c. Restrictions.** None.

**Code:** 5T

**Title:** Equal Opportunity Advisor

**Proponent:** USAAGS

**a. Description of positions.** Identifies positions which are concerned with management of the Army Equal Opportunity program at installation/division level and higher.

**b. Qualifications.** Individuals must have successfully completed the Equal Opportunity Advisor Course or the Equal Opportunity Reserve/National Guard Course at the Defense Equal Opportunity Management Institute.

**c. Restrictions.** Positions must be coded CPT and above and classified as Branch Immaterial (01A).

**Code:** 5U

**Title:** Air Operations Officer

**Proponent:** USAAVNC

**a. Description of positions.** Identifies positions requiring an individual qualified in the details of advising/planning, requesting, and executing tactical air missions in support of ground operations.

**b. Qualifications.** Individual must have successfully completed the Joint Air Operations Staff Course at the USAF Air Ground School.

**c. Restrictions.** None.

**Code:** 5V

**Title:** Marine Diver

**Proponent:** USAES

**a. Description of positions.** Identifies positions which require the supervision of underwater construction.

**b. Qualifications.** Must qualify as marine divers under AR 40-501 and AR 611-75.

**c. Restrictions.** The skill is restricted under AR 611-75.

**Code:** 5X

**Title:** Historian

**Proponent:** USACMH

**a. Description of positions.** Identifies positions requiring the incumbents to bring analytical and critical thinking skills developed through the study of history to bear on the development and use of Army and joint doctrine, organization, training, material, and planning.

**b. Qualifications.** Individuals must possess at least a MA in history from an accredited college or university, or a history oriented Master of Military Art and Science (MMAS) degree from the Command and General Staff Colleg

**e.** The Chief of Military History may grant waivers if the individual possesses equivalent qualifications to include other than history graduate degrees, graduate level history studies/courses, the CMH History Internship, the Military History Instructor's Course at Ft Leavenworth, and/or the West Point-ROTC Fellowship.

**c. Restrictions.** To be awarded by PERSCOM only.

**Code:** 5Y

**Title:** Civil Defense Officer

**Proponent:** USAJFKSWCS

**a. Description of positions.** Identifies positions requiring analysis, planning, implementation, and management of indigenous emergency service assets in the preparation for or conduct of civil defense or disaster relief operations.

**b. Qualifications.** Requires the completion of Federal Emergency Management Agency (FEMA) nonresident instruction courses HS-1, Emergency Program Manager; HS-2, Emergency Preparedness, USA;

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

HS-3, Radiological Emergency Management; HS-4, Preparedness Planning for a Nuclear Crisis; HS-5, Hazardous Materials: A Citizen's Orientation; and HS-7, A Citizen's Guide to Disaster Assistance; or, equivalent experience as a regional Civil Defense Director; or, certification as a Red Cross Disaster Relief Manager.

**c. Restrictions.** For use with AOC 38A only.

**Code:** 6A

**Title:** Defense Sensor Interpretation and Application Training Program (DSIATP)

**Proponent:** USAIC&FH

**a. Description of positions.** Identifies positions requiring incumbents to possess additional specialized skills in imagery interpretation, strategic collection management, and tactical surveillance to operate in a joint service environment.

**b. Qualifications.** Individuals must have successfully completed the Defense Sensor Interpretation and Application Training Program.

**c. Restrictions.** For use with positions coded and officers classified in AOC 35C and for Aviation Intelligence Officers (AOC 15C) who possess AOC 35C.

**Code:** 6C

**Title:** Economist

**Proponent:** USAJFKSWCS

**a. Description of positions.** Identifies positions requiring analysis, assessment, planning and implementation of economic, industrial, financial, business, and agricultural programs and policies to enhance the development of Allied/Host nations.

**b. Qualifications.** Masters degree in either economics, finance, international business, or business administration and/or a minimum of 5 years civilian experience in either economics, banking, public finance, foreign/domestic development or a related field.

**c. Restrictions.** For use with AOC 38A only.

**Code:** 6D

**Title:** Public Education Officer

**Proponent:** USAJFKSWCS

**a. Description of positions.** Identifies positions requiring the knowledge to evaluate current educational systems and provides guidance to foreign nation agencies responsible for the administration of the indigenous educational institutions.

**b. Qualifications.** Requires a master degree in either education administration or education with and emphasis on school administration or vocational education; and/or 5 years civilian experience in either public or private school district administration, or state/national department of education activities.

**c. Restrictions.** For use with AOC 38A only.

**Code:** 6E

**Title:** Civil Supply Officer

**Proponent:** USAJFKSWCS

**a. Description of positions.** Identifies positions requiring knowledge in administration, storage, and distribution of consumer goods and commodities to the indigenous population of an area of operations. Surveys local availability of food and supplies from military and other agencies for use by the local population. Assists in identifying and acquiring local resources for use by the tactical commander.

**b. Qualifications.** Requires a bachelors degree in economics or business administration emphasizing supply management and distribution, and/or 5 years experience in the management of food or product distribution systems.

**c. Restrictions.** For use with AOC 38A only.

**Code:** 6F

**Title:** Public Transportation Officer

**Proponent:** USAJFKSWCS

**a. Description of positions.** Identifies positions requiring identification, categorization, rehabilitation, mobilization, development and operation of civilian transport assets and facilities in support of Civil-Military Operations.

**b. Qualifications.** Bachelors degree in civil engineering or transportation; or, equivalent experience in the management or design of transportation systems either public or private; and/or 3 years experience in the development of plans and policy at the state or national

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

Department of Transportation level.

**c. Restrictions.** For use with AOC 38A only.

**Code:** 6G

**Title:** Public Facilities Officer

**Proponent:** USAJFKSWCS

**a. Description of positions.** Identifies positions requiring identification, assessment of capability, rehabilitation, development and operational supervision of Public Works and Utilities in the conduct of Civil-Military Operations.

**b. Qualifications.** Bachelors degree in either Civil, Electrical, Mechanical, Waste or Water Management engineering, and/or 5 years experience in either management, design, or operation of public or private works and utilities. Officers holding a professional engineering license in any discipline are considered uniquely qualified.

**c. Restrictions.** For use with AOC 38A only.

**Code:** 6H

**Title:** Public Safety Office

**Proponent:** USAJFKSWCS

**a. Description of positions.** Identifies positions requiring knowledge to provide advice, assistance, supervision, and control in the development, rehabilitation, and sustainment of indigenous police administration, fire protection, penal institutions and emergency rescue services.

**b. Qualifications.** Bachelors degree in either criminology, fire science, police science, corrections management or public administration and/or 3 years practical experience in a supervisory or management position in a government related public safety field or equivalent private industry position.

**c. Restrictions.** For use with AOC 38A only.

**Code:** 6M

**Title:** Mobilization and Demobilization Operation

**Proponent:** PERSCOM

**a. Description of positions.** Identifies positions in organizations from Office of Secretary of Defense (OSD) down to installation level involved in planning and executing mobilization and demobilization operations.

**b. Qualifications.** Must successfully complete the resident Mobilization and Deployment Planning Course (MDPC) at the Joint Strategic Deployment Training Center (JSDTC), U.S. Army Transportation School, Ft Eustis, VA.

**c. Restrictions.** None.

**Code:** 6P

**Title:** Master Fitness Trainer

**Proponent:** USAIS

**a. Description of positions.** The identification of SI 6P positions in authorization documents is not required.

**b. Qualification.** Must successfully complete the Master Fitness Trainer Course (4 weeks for Active Army) or (2 weeks for Reserve Components) conducted under the auspices of the U.S. Army Physical Fitness School, Ft Benning, Georgia. Formal training is mandatory.

**c. Restrictions.** None.

**Code:** 6R

**Title:** Public Communication Officer

**Proponent:** USAJFKSWCS

**a. Description of positions.** Identifies positions requiring knowledge in engineering and technical expertise in the identification, assessment of capability, rehabilitation, development planning, and operational oversight/supervision of indigenous public and private communications assets and facilities during the conduct of civil-military operations.

**b. Qualification.** Bachelors degree in either Electronic or Electrical Engineering, communications management, or computer science and/or 5 years civilian experience in either engineering or management in a related public or private communications position to include radio, television, postal service or automated data processing network.

**c. Restrictions.** For use with AOC 38A only.

**Code:** 6U

**Title:** Agricultural Officer

**Proponent:** USAJFKSWCS

**a. Description of positions.** Identifies positions requiring knowledge in civilian production, processing, storage and distribution of food, fiber, and wood products, and for the development and management of resources essential to these activities. Categories of agricultural

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

production include livestock, poultry, grain, vegetables, fruit, fish, fiber, and forestry products.

**b. Qualifications.** Bachelors degree in an agricultural discipline and/or 5 years experience in an agricultural related profession, preferably in a County/State Agricultural Extension position or Federal Department of Agriculture.

**c. Restrictions.** For use with AOC 38A only.

**Code:** 6V

**Title:** Cultural Affairs Officer

**Proponent:** USAJFKSWCS

**a. Description of positions.** Identifies positions requiring knowledge in evaluating and preserving socioreligious arts, artifacts, monuments, shrines and other physical manifestations of the culture and the institution of the people in the area of operations.

**b. Qualifications.** Requires professional knowledge or experience with the ethnography, culture, sociology, institutions, and religious heritage of the people of the areas of assignment or potential assignment.

**c. Restrictions.** For use with AOC 38A only.

**Code:** 6W

**Title:** Archivist

**Proponent:** USAJFKSWCS

**a. Description of positions.** Identifies positions requiring identification, recovery, appraisal safeguarding and disposal of official and semiofficial public documents and records relating to persons, groups, institutions and property interests that impact on the pursuit of U.S. National Policy objectives in a military area of operations.

**b. Qualifications.** Requires a baccalaureate degree in either library science, political science, or history from an accredited college or university, and/or 5 years equivalent practical training in one or more of such fields.

**c. Restrictions.** For use with AOC 38A only.

**Code:** 6X

**Title:** Army Research Associates Program

**Proponent:** ASA (RDA)

**a. Description of positions.** Positions with the Department of Energy.

**b. Qualifications.** Must have served as Army Research Associate in this program under AR 614-107.

**c. Restrictions.** May only be awarded by PERSCOM. For use with FA 51 and 52 only.

**Code:** 6Y

**Title:** Installation Management (IM)

**Proponent:** OACSIM

**a. Description of positions.** Identifies positions requiring personnel trained in managing Army installations, which include the following: resource management, engineering management, logistical management, contract management, information management, community and family support management and installation/garrison commander principal staff.

**b. Qualifications.** Individuals must have successfully completed the Garrison commander Pre-Command Course conducted at the Army Management Staff College, Ft Belvoir, VA, or, have successfully completed 12 months in one of the IM duty positions described below and be certified by the installation/garrison commander.

**c. Restrictions.** For use with TDA positions titled installation/garrison commanders/deputy commanders, chiefs of staff, installation managers at MACOM/HQDA level, and principal garrison staff officers. SI may be used with any AOC.

**Code:** 6Z

**Title:** Strategist

**Proponent:** ODCSOPS

**a. Description of positions.** Identifies strategic operational planning positions on Army joint, and combined staffs.

**b. Qualifications.** Requires successful completion of CGSC strategist focused program or 1 year successful service in an HQDA approved, strategic operational planning position.

**c. Restrictions.** May only be awarded by PERSCOM.

**Code:** 7E

**Title:** Chaplain Education and Training

**Proponent:** CCH

**a. Description of positions.** Identifies positions requiring special

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

qualifications and training in the field of education for service as instructors or staff in chaplain subjects and moral leadership at Army service school, organized training facilities, or command professional development program.

**b. Qualifications.** Requires completion of the Advanced Chaplain Training Course, a Chaplain Education and Training Course, and 1 year of satisfactory experience in an identified position.

**c. Restrictions.** For use with AOC 56A only.

**Code:** 7F

**Title:** Pastoral Coordinator

**Proponent:** CCH

**a. Description of positions.** Identifies positions requiring advanced skills in the direction and coordination of chaplain administration activities in manpower, personnel, finance, logistics, and facilities management.

**b. Qualifications.** Requires completion of the following:

(1) Planning, programming and budgeting systems course, U.S. Army Institute of Administration, or

(2) Installation management course, USALMAC, or

(3) Equivalent training and experience in the military system (OJT).

Requires 1 year satisfactory service in an identified position.

**c. Restrictions.** For use with Chaplain Branch AOC only.

**Code:** 7H

**Title:** Upper Extremity Musculoskeletal Evaluation

**Proponent:** OTSG

**a. Description of positions.** Identifies positions which require special qualifications to perform upper extremity evaluation and treatment.

**b. Qualifications.** Requires completion of an approved advanced course in upper extremity evaluation and treatment or in hand rehabilitation. In addition, officers must be credentialed to perform in the role of primary upper extremity musculoskeletal evaluation and have 1 year of experience in these specialty areas. Must be CPT or above.

**c. Restrictions.** For use with Occupational Therapy AOC 65A only. The Surgeon General will determine eligibility on a case-by-case basis.

**Code:** 7K

**Title:** Marriage and Family Ministries

**Proponent:** CCH

**a. Description of positions.** Identifies positions which requires pastoral skill in the field of marriage and family ministries, including related management skills.

**b. Qualifications.** Requires completion of 1 year of post-graduate level clinical training focusing on the use of pastoral counseling to facilitate the improvement of marriage and family relationships and documented satisfactory service during the utilization assignment.

**c. Restrictions.** For use with Chaplain Branch AOC only. Application must be made through the supervisory chaplain by the end of the second year of the utilization or upon reassignment if less than 2 years.

**Code:** 7M

**Title:** Chaplin Resource Manager

**Proponent:** CCH

**a. Description of positions.** Identifies positions which require advanced skills at MACOM, HQDA and USACHCS. These include:

(1) Ability to issue guidance and instruction for development or religious program/budget requirements (appropriated and nonappropriated).

(2) Ability to coordinate/supervise preparation of religious program/budgets (appropriated and nonappropriated).

(3) Ability to monitor the implementation of religious program/budgets and exercise staff control over accounting and financial procedures in areas of responsibility.

(4) Ability to coordinate, evaluate, and conduct indepth periodic review and analysis of religious programs, evaluating current procedures and organizational goals and objectives to ensure that proper directives and instruments or procedures are established.

(5) Ability to analyze total religious program/budget capabilities and recommend appropriate funding to implement approved programs.

**b. Qualifications.** Requires demonstrated aptitude and completion of an accepted post-graduate and Military Comptrollership Course prior to reporting for utilization assignment. Additionally, must have documented Evaluation Reports reflecting satisfactory service during the utilization assignment.

**c. Restrictions.** For use with Chaplain Branch AOC only. Application

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

must be made through the supervisory chaplain by the end of the second year of the utilization or upon reassignment if less than 2 years.

**Code:** 7Q

**Title:** Training Development

**Proponent:** Hq TRADOC

**a. Description of positions.** Identifies positions requiring thorough familiarity with the Army's Systems Approach to Training. Principal functions associated with training development positions include implementing a Systems Approach to Training, managing the training development effort, and standardizing training programs and products.

**b. Qualifications.** Officers must have satisfactorily completed an approved course in functional training development, or worked in a Systems Approach to Training for a minimum of 1 year.

**c. Restrictions.** For use by Commandants of the Army service schools, TRADOC and other training facilities established within the MACOMs.

**Code:** 7R

**Title:** Hospital Ministries

**Proponent:** CCH

**a. Description of positions.** Identifies positions which require advanced pastoral skills in ministry in a hospital setting.

**b. Qualifications.** Requires completion of at least one advanced unit or post-graduate level clinical pastoral training equivalent in a hospital setting and completion of 1 year satisfactory service in an identified position.

**c. Restrictions.** For use with AOC 56A only. Application must be made through the supervisory chaplain by the end of the second year of the utilization or upon reassignment if less than 2 years.

**Code:** 7T

**Title:** Clinical Nurse Specialist

**Proponent:** OTSG

**a. Description of positions.** Identifies positions which require advanced knowledge and competence in specialized areas of clinical nursing practice.

**b. Qualifications.** Requires a master's degree in nursing with clinical specification; and who are qualified to provide direct and indirect nursing care, contribute to and carry out research, teach staff, patients, and families and act as consultants in clinical nursing practice.

**c. Restrictions.** For use with Army Nurse Corps AOCs 66C and 66H only.

**Code:** 8A

**Title:** Critical Care Nursing

**Proponent:** OTSG

**a. Description of positions.** Identifies positions which require special qualifications in critical care nursing practice.

**b. Qualifications.** Army Nurse Corps officers who have successfully completed one of the following:

- (1) AMEDD Center & School Critical Care Nursing Course.
- (2) AMEDD Center & School approved Walter Reed Army Medical Center Critical Care Nursing Course.
- (3) CCRN Certification sponsored by the American Association of Critical Care Nurses.
- (4) Completion of a 2 week, minimum 80 hours critical care nursing (CCN) course per AN CCN curriculum guidelines, in conjunction with an additional 320 hours in CCN clinical practice over an 18 month period, and verification of CCN competency.
- (5) Completion of 1500 hours in critical care nursing clinical practice over a consecutive 3 year time period, completion of a critical care nursing course per the Army Nurse Corps critical care nursing curriculum guidelines, and verification of CCN competency.

**c. Restrictions.** For use with Army Nurse Corps AOC 66H only.

**Code:** 8D

**Title:** Midwifery

**Proponent:** OTSG

**a. Description of positions.** Identifies positions which require nurses qualified to practice midwifery.

**b. Qualifications.** Requires graduation from an accredited midwifery course and current certification in midwifery by the American College of Nurse Midwives.

**c. Restrictions.** For use with Army Nurse Corps AOC 66G only.

**Code:** 8E

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

**Title:** Nurse practitioner

**Proponent:** OTSG

**a. Description of positions.** Identifies positions which require nurse practitioners.

**b. Qualifications.** Requires completion of a recognized course in which the curriculum includes experience in working interdependently with physicians in apprising the health status of patients through physical examination and selected screening tests; recognizing signs and symptoms indicating alterations in the physiological process which require the attention of the physician and providing primary health maintenance and educational services for patients with stabilized chronic diseases, and 6 months experience as a nurse practitioner/clinical nurse specialist. Or, have a minimum of 1 year experience in this skill and subsequently and satisfactorily complete a program of study through a combination of self-study, on-the-job training, and/or short courses providing the study has included all aspects of the courses described above, and providing a demonstrated expertise exists in the practice of nursing in the role. Or, have 1 year experience in the above, providing there is a demonstrated expertise in the practice of nursing in the extended role.

**c. Restrictions.** For use with Army Nurse Corps AOC 66D, 66G and 66H only.

**Code:** 8F

**Title:** Community Health Nursing

**Proponent:** OTSG

**a. Description of positions.** Identifies positions which require nurses qualified to provide family centered nursing services to individuals, families and groups in the community.

**b. Qualifications.** Requires the successful completion of the Principles of Military Preventive Medicine Course at the AMEDD Center and School or have 1 year experience in public health nursing.

**c. Restrictions.** For use with Army Nurse Corps AOC 66H only.

**Code:** 8G

**Title:** OB/GYN Nursing

**Proponent:** OTSG

**a. Description of positions.** Identifies positions which require nurses qualified to perform professional nursing care of a specialized nature for the obstetrical and/or gynecologic patients and her family.

**b. Qualifications.** Requires the successful completion of the OB/GYN Nursing Course at Tripler Army medical Center or 1 year developmental experience in all aspects of maternal, newborn, and gynecologic nursing.

**c. Restrictions.** For use with Army Nurse Corps AOC 66H only.

**Code:** 8I

**Title:** Clinical Nutrition Specialist

**Proponent:** OTSG

**a. Description of positions.** Identifies positions requiring qualification to the nutritional status of patients and make appropriate recommendations for their nutritional care.

**b. Qualifications.** Must have an advanced degree in nutrition or related areas and have completed an approved course of nutritional assessment skills. A minimum of 4 years of experience in increasingly responsible positions in clinical dietetics practice is required. Must be CPT or above.

**c. Restrictions.** For use with Hospital Dietition AOC 65C only. The Surgeon General will determine eligibility on a case-by-case basis.

**Code:** 8J

**Title:** Infection Control

**Proponent:** OTSG

**a. Description of positions.** Identifies positions which require special qualifications in control of hospital infections.

**b. Qualifications.** Requires the following general qualifications: extensive clinical nursing experience; and preparation in bacteriology and epidemiology. In addition, must have had a formal course of instruction in the control of hospital infections.

**c. Restrictions.** For use with Army Nurse Corps AOC 66E, 66H, and 66N only.

**Code:** 8L

**Title:** Pediatric Nursing

**Proponent:** OTSG

**a. Description of positions.** Identifies positions which require nurses

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

qualified to perform professional nursing care of a specialized nature in meeting the health and developmental needs of infants and children within the civilian/military community.

**b. Qualifications.** Requires the successful completion of the Pediatric Nursing Course at Tripler Army Medical Center or 1 year experience in pediatric nursing in a military or civilian institution.

**c. Restrictions.** For use with Army nurse Corps AOC 66H only.

**Code:** 8T

**Title:** Blood Banking

**Proponent:** OTSG

**a. Description of positions.** Identifies positions requiring special qualification in blood banking. These positions are responsible for the supervision, training and investigational programs of AMEDD blood banks.

**b. Qualifications.** Requires completion of an approved fellowship in blood banking or equivalent experience for MSC officers.

**c. Restrictions.** For use with Medical Service Corps AOCs only as determined by The Surgeon General.

**Code:** 8Z

**Title:** Medical Research, Development, Test and Evaluation

**Proponent:** OTSG

**a. Description of positions.** Identifies positions which require special qualifications in research development, test and evaluation.

**b. Qualifications.**

(1) The Surgeon General will determine eligibility on a case-by-case basis.

(2) Graduate degree in a relevant research discipline (master's degree with thesis, Army Physical Therapy Master's Program or PhD).

(3) Active participation in research or clinical investigation as demonstrated by the participation in at least three research or clinical investigation studies.

(4) Publication of at least three research papers in a referred journal.

**c. Restrictions.** For use with Medical Corps AOCs only as determined by The Surgeon General.

*Note.* This requirement may be waived in exceptional circumstances when an individual has demonstrated outstanding research and/or clinical investigation competence evidenced by significantly exceeding criteria identified in SI 8Z (Medical Research Development Test and Evaluation), b(2) and (3).

**Code:** 9A

**Title:** Medical Proficiency (All AMEDD Corps)

**Proponent:** OTSG (see table 4-2).

**Code:** 9B

**Title:** Medical Proficiency (MC, DC, VC and AMSC only)

**Proponent:** OTSG (see table 4-2).

**Code:** 9C

**Title:** Medical Proficiency (MC, DC, and VC only)

**Proponent:** OTSG (see table 4-2).

**Code:** 9D

**Title:** Medical Proficiency (MC, DC, and VC only)

**Proponent:** OTSG (see table 4-2).

**Code:** 9E

**Title:** Medical Proficiency (MC and DC only)

**Proponent:** OTSG (see table 4-2).

**Code:** 9F

**Title:** Microbiology

**Proponent:** OTSG

**a. Description of positions.** Identifies positions responsible for the supervision and conduct of medical microbiology training programs, research, and/or investigation.

**b. Qualification.** Incumbent must have successfully participated in or completed an approved training program in the biological sciences or attained equivalent experience in bacteriology.

**c. Restrictions.** For use by AMEDD officers with proficiency in microbiology, The Surgeon General will determine eligibility. This identifier is not intended to be used in lieu of AOC 71A67, Microbiologist.

**Code:** 9G

**Title:** Immunology

**Proponent:** OTSG

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

**a. Description of positions.** Identifies positions in personnel documents responsible for the supervision and conduct of immunology training, research, and/or investigational programs.  
**b. Qualification.** Incumbent must have successfully participated in or completed an approved training program in immunology, or attained equivalent experience.

**c. Restrictions.** This skill is for use by AMEDD officers with proficiency in Immunology. The Surgeon General will determine eligibility. This is not intended to be used in lieu of AOC 71D67, Immunology.

**Code:** 9H

**Title:** Parasitology

**Proponent:** OTSG

**a. Description of positions.** Identifies positions where the incumbent is responsible for the supervision and conduct of parasitology training programs, research and/or investigation.

**b. Qualification.** Incumbent must have successfully participated in or completed an approved training program in parasitology or attained equivalent experience.

**c. Restrictions.** This skill is for use of AMEDD officers with proficiency in parasitology. Qualifications will be determined by The Surgeon General. This identifier is not intended to be used in lieu of AOC 71C67, Parasitologist.

**Code:** 9I

**Title:** Health Facilities Planner

**Proponent:** OTSG

**a. Description of positions.** Identifies positions which require special qualifications in developing medical facilities planning concepts and criteria and translates medical requirements to engineering and architectural concepts. Provides facilities planning services to appropriate commanders.

**b. Qualification.** For award of skill, officer should possess, as a minimum, 1 year of experience in Health Facilities Planning, plus a master's degree in health facilities planning, architecture, engineering, construction or logistics management, health care administration with courses related to health facilities planning, from a school acceptable to DA; or, 5 years cumulative experience in positions in Health Facilities Planning. When the requirement for a master's degree plus 1 year of experience is waived for the 5 years of experience, the individual must be academically eligible for graduate level education in Health Facilities Planning or noted related disciplines.

**c. Restrictions.** For use with AOC 70K67, Health Services Materiel Officer.

**Code:** 9T

**Title:** Veterinary Food Technology

**Proponent:** OTSG

**a. Description of positions.** Identifies positions responsible for advice, supervision, direction, and coordination of inspections to include examinations and testing, of subsistence for wholesomeness safety, nutritional quality and conformance with other Federal and military standards.

**b. Qualifications.** Individuals must have successfully completed postdoctoral education and training in a food technology program approved by The Surgeon General.

**c. Restrictions.** For use with personnel in AOC 64A or AOC 75A. For use with positions coded AOC 75B64 only.

**Code:** 9U

**Title:** Veterinary Laboratory Medicine

**Proponent:** OTSG

**a. Description of positions.** Identifies positions responsible for the examination and testing of subsistence for wholesomeness, safety, nutritional quality and conformance with other Federal and military standards; and the laboratory diagnoses of communicable diseases primarily, but not exclusively of animal origin.

**b. Qualifications.** Individuals must have successfully completed the Veterinary Laboratory Officers Course and a minimum of 1 year utilization for this discipline.

**c. Restrictions.** For use with personnel in AOC 64A or AOC 75B. For use with positions coded AOC 75B64 only.

**Code:** A2

**Title:** OH-58A/C Scout Pilot

**Proponent:** USAAVNC

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

- a. Description of positions.** Identifies positions requiring a pilot qualified in the OH-58A/C Scout aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification in the OH-58A/C Scout aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** A3

**Title:** OH-58D Scout Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the OH-58D aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification in the OH-58D Scout aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** A4

**Title:** OH-58D Warrior Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the OH-58D Warrior aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification in the OH-58D Warrior aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** A5

**Title:** OH-6 Scout Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the OH-6 aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification in the OH-6 aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** B1

**Title:** UH-1 Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the UH-1 aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification in the UH-1 aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation), AOC 51A15 and AOC 67J only.

**Code:** B2

**Title:** UH-60 Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the UH-60 aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification the UH-60 aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation), AOC 51A15 and AOC 67J only.

**Code:** B5

**Title:** EH-60 Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the EH-60 aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification in the EH-60 aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** C2

**Title:** CH-47D Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the CH-47D aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification in the CH-47D aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** D2

**Title:** AH-1 Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the AH-1 aircraft.  
**b. Qualifications.** Individuals must have successfully completed

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

- qualification in the AH-1 aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** D5

**Title:** AH-64A/B Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the AH-64A/B aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification in the AH-64A/B aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** D7

**Title:** AH-64C/D Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the AH-64C/D aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification in the AH-64C/D aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** E3

**Title:** C-20 Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the C-20 aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification in the C-20 aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** E4

**Title:** U-21 Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the U-21 aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification in the U-21 aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** E5

**Title:** C-12 Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the C-12 aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification in the C-12 aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** E6

**Title:** C-21 Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the C-21 aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification in the C-21 aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** E7

**Title:** C-23 Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the C-23 aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification in the C-23 aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** E8

**Title:** C-26 Pilot

**Proponent:** USAAVNC

- a. Description of positions.** Identifies positions requiring a pilot qualified in the C-26 aircraft.  
**b. Qualifications.** Individuals must have successfully completed qualification in the C-26 aircraft under AR 95-1.  
**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** F2

**Title:** RU-21 Pilot

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

**Proponent:** USAAVNC

**a. Description of positions.** Identifies positions requiring a pilot qualified in the RU-21 aircraft.

**b. Qualifications.** Individuals must have successfully completed qualification in the RU-21 aircraft under AR 95-1.

**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** F3

**Title:** RC-12D/G/H Pilot

**Proponent:** USAAVNC

**a. Description of positions.** Identifies positions requiring a pilot qualified in the RC-12D/G/H aircraft.

**b. Qualifications.** Individuals must have successfully completed qualification in the RC-12D/G/H aircraft under AR 95-1.

**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** F4

**Title:** RC-12K/N Pilot (Guardrail Common Sensor)

**Proponent:** USAIC&FH

**a. Description of positions.** Identifies positions requiring a pilot qualified in the RC-12K/N Guardrail Common Sensor aircraft.

**b. Qualifications.** Individuals must have successfully completed qualifications in the RC-12K/N Guardrail Common Sensor aircraft under AR 95-1.

**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** F5

**Title:** O-5A/EO-5B Pilot

**Proponent:** USAIC&FH

**a. Description of positions.** Identifies positions requiring a pilot qualified in the O-5A/EO-5B aircraft.

**b. Qualifications.** Individuals must have successfully completed qualifications in the O-5A/EO-5B aircraft under AR 95-1.

**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** G2

**Title:** Instructor Pilot

**Proponent:** USAAVNC

**a. Description of positions.** Identifies positions requiring a pilot qualified as an instructor pilot to conduct written and flight examinations to determine qualifications of Army aviators for designation or retention of aeronautical certification.

**b. Qualifications.** Individuals must have successfully completed the Instructor Pilot Course of the appropriate aircraft.

**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** G5

**Title:** Engineering Test Pilot

**Proponent:** USAAVNC

**a. Description of positions.** Identifies positions requiring a pilot qualified as an engineering test pilot.

**b. Qualifications.** Individuals must have successfully completed the U.S. Navy Test Pilot School and enter the Army Aviation Engineering and Might Test Program. Must be rated in fixed and rotary wing aircraft.

**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** G6

**Title:** Maintenance Test Pilot

**Proponent:** USAAVNC

**a. Description of positions.** Identifies positions requiring aviation maintenance test pilot qualification. Incumbents of these positions are responsible for maintenance and repair of aviation material including aircraft engines, airframes, power trains, and other aircraft systems and components. Officers with this skill may perform a variety of duties including maintenance test pilot, section leader, maintenance platoon leader, and staff officer.

**b. Qualifications.** Individuals must have successfully completed the Aviation Maintenance Manager/Maintenance Test Pilot Course.

**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** G7

**Title:** Aviation Related

**Proponent:** USAAVNC

**a. Description of positions.** Identifies positions requiring personnel who possess an aeronautical designation. The performance of aerial flight to maintain basic flying skills is not an essential part of the incumbent's duties.

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

**b. Qualifications.** Not applicable. For use with positions only.

**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** G8

**Title:** Aviation Safety Officer

**Proponent:** USAAVNC

**a. Description of positions.** Identifies positions requiring a pilot qualified as an Aviation Safety Officer to plan and develop aviation safety activities.

**b. Qualifications.**

(1) Individual must possess an aeronautical designation and have successfully completed the United States Army Safety Center's (ASC) resident course, or

(2) Possess an aeronautical designation and have successfully completed the USASC ASO correspondence course to include a two week resident phase at USASC, or

(3) Possess an aeronautical designation and have successfully completed a combination of the U.S. Army Safety Center (USASC) Accident Prevention and Naval Postgraduate School (NPGS) Aviation Safety Officer Course.

**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** G9

**Title:** Air Traffic Services

**Proponent:** USAAVNC

**a. Description of positions.** Identifies positions requiring an aviation commissioned officer to command or serve in leadership positions in ATS elements in support of the Army Airspace Command and Control (A2C2) System from echelons above Corps through maneuver brigades. Plans, coordinates, and directs the employment of ATS elements in support of the battlefield A2C2 System. Serves in staff positions at various levels, requiring knowledge and experience in the installation, operation, and maintenance of both fixed-based and tactical terminal and en route air traffic control systems.

**b. Qualifications.** Individual must possess an aeronautical designation and have successfully completed the officer ATS course.

**c. Restrictions.** For use with Branch 15 (Aviation) only.

**Code:** \*K4

**Title:** Special Operations Aviation (SOA)

**Proponent:** USAAVNC

**a. Description of positions.** Identifies positions requiring aviator personnel qualified in SOA mission and specially modified aircraft.

**b. Qualifications.** Individuals must have been accepted by an Army Special Operations Aviation (ARSOA) unit, completed ARSOA training, and successfully completed 1 year of duty in an ARSOA assignment. Individual must be recommended for the SI by an ARSOA commander in the officer's chain of command. The commander's recommendation for award of si K4 will be forwarded to Commander, U.S. Army Special Operations Command (USASOC), Deputy Chief of Staff for Special Operations Aviation (DCSSOA), ATTN: AOAO-PER, Ft Bragg, NC 28307-5200 for approval/disapproval. Approved requests will be forwarded to Commander, PERSCOM, ATTN: TAPC-OPZ-SM, 200 Stovall Street, Alexandria, VA 22332-0406 for the award of SI K4. SI K4 may be revoked if the local commander determines the officer to be unqualified for ARSOA operations because of indefinite suspension of flying status (AR 600-105) or failure to maintain the appropriate security clearances. Documents supporting the withdrawal of SI K4 will be forwarded to USASOC DCSSOA for final determination.

**c. Restrictions.** Females are restricted from being awarded this SI. For use with Branch 15 (Aviation) positions graded CPT through COL only.

**Code:** \*K5

**Title:** MH-60K Pilot

**Proponent:** USAAVNC

**a. Description of positions.** Identifies positions requiring a pilot qualified in the MH-60K aircraft.

**b. Qualifications.** Individuals must successfully complete qualification and certification training in the MH-60K aircraft, be accepted by an Army Special Operations Aviation (ARSOA) unit, completed ARSOA training, and successfully completed 1 year of duty in an ARSOA assignment. Individual must be recommended for the SI by an ARSOA commander in the officer's chain of command. The commander's recommendation for award of si K5 will be forwarded to Commander, U.S. Army Special Operations Command (USASOC), Deputy Chief of Staff for Special Operations Aviation (DCSSOA), ATTN: AOAO-PER, Ft Bragg, NC

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

28307-5200 for approval/disapproval. Approved requests will be forwarded to Commander, PERSCOM, ATTN: TAPC-OPZ-SM, 200 Stovall Street, Alexandria, VA 22332-0406 for the award of SI K5. SI K5 may be revoked if the local commander determines the officer to be unqualified for ARSOA operations because of indefinite suspension of flying status (AR 600-105) or failure to maintain the appropriate security clearances. Documents supporting the withdrawal of SI K5 will be forwarded to USASOC DCSSOA for final determination.

**c. Restrictions.** Females are restricted from being awarded this SI. For use with Branch 15 (Aviation) only.

**Code:** \*K6

**Title:** MH-47E Pilot

**Proponent:** USAAVNC

**a. Description of positions.** Identifies positions requiring a pilot qualified in the MH-47E aircraft.

**b. Qualifications.** Individuals must successfully complete qualification and certification training in the MH-74E aircraft, be accepted by an Army Special Operations Aviation (ARSOA) unit, completed ARSOA training, and successfully completed 1 year of duty in an ARSOA assignment. Individual must be recommended for the SI by an ARSOA commander in the officer's chain of command. The commander's recommendation for award of si K6 will be forwarded to Commander, U.S. Army Special Operations Command (USASOC), Deputy Chief of Staff for Special Operations Aviation (DCSSOA), ATTN: AOAO-PER, Ft Bragg, NC 28307-5200 for approval/disapproval. Approved requests will be forwarded to Commander, PERSCOM, ATTN: TAPC-OPZ-SM, 200 Stovall Street, Alexandria, VA 22332-0406 for the award of SI K6. SI K6 may be revoked if the local commander determines the officer to be unqualified for ARSOA operations because of indefinite suspension of flying status (AR 600-105) or failure to maintain the appropriate security clearances. Documents supporting the withdrawal of SI K6 will be forwarded to USASOC DCSSOA for final determination.

**c. Restrictions.** Females are restricted from being awarded this SI. For use with Branch 15 (Aviation) only.

**Code:** M1

**Title:** Orthopedic Physician Assistant

**Proponent:** OTSG

**a. Description of positions.** Identifies positions which require special qualifications in orthopedics.

**b. Qualifications.** Requires 3 years experience as a physician assistant and a bachelors degree from an accredited college or university, with additional training in an orthopedic residency designed specifically for physician assistants.

**c. Restrictions.** For use with physician assistant AOC 65D only. The Surgeon General will determine eligibility on a case-by-case basis.

**Code:** M2

**Title:** Emergency Medicine Physician Assistant

**Proponent:** OTSG

**a. Description of positions.** Identifies positions which require special qualifications in emergency medicine.

**b. Qualifications.** Requires three years experience as a physician assistant and a bachelors degree from an accredited college or university, with additional training in an emergency medicine residency designed specifically for physician assistants.

**c. Restrictions.** For use with physician assistant AOC 65D only. The Surgeon General will determine eligibility on a case-by-case basis.

**Code:** M3

**Title:** Aviation Medicine Physician Assistant

**Proponent:** OTSG

**a. Description of positions.** Identifies positions which require special qualifications in aviation medicine.

**b. Qualifications.** Requires 3 years experience as a physician assistant and a Bachelors Degree from an accredited college or university, with completion of the Aviation Medicine Basic Course at Fort Rucker, AL.

**Table 4-3**  
**Numerical Listing of Skill Identifiers—Continued**

**c. Restrictions.** For use with physician assistant AOC 65D only. The Surgeon General will determine eligibility on a case-by-case basis.

**Code:** M4

**Title:** Critical Care Medicine

**Proponent:** OTSG

**a. Description of positions.** Identifies positions which require special qualifications in managing, evaluating and integrating the care of critically ill patients with complex illness or injury, including multi-system organ failure. Physicians will support aeromedical evacuation and in theater resuscitation and stabilization, as well as participate in disaster relief.

**b. Qualifications.** As a minimum, officers will be certified in AOC 60N (Anesthesiologist, 61F (Internist), and 61J (General Surgeon) and have successfully completed at least 1 year critical care medicine fellowship, and/or be Board eligible or Board certified in Critical Care Medicine.

**c. Restrictions.** For use in TDA only with AOC 60N, 61F, and 61J. The Surgeon General will determine eligibility on a case by case basis.

**Code:** M5

**Title:** Emergency Nursing

**Proponent:** OTSG

**a. Description of positions.** Identifies positions requiring special qualifications in emergency nursing practice.

**b. Qualifications.** Army Nurse Corps officers who have completed one of the following:

(1) Advanced Cardiac Life Support (ACLS), Trauma Nursing Care Course or Combat Trauma Nurse Course, Pediatric Advanced Life Support or Emergency Nursing Pediatric Course. Verification of Basic Competencies (will be annotated on the Verification of Army Nurse Corps Clinical Competencies - Emergency Nursing Skill Identifier DA Form 7373-R (Test) (Verification of Army Nurse Corps Clinical Competencies Emergency Nursing Skill Identifier) by the officer's supervisor, in accordance with HQDA Ltr 40-97-1, Quality Assurance Administration, and 1,500 hours of emergency nursing clinical practice over the past 3 years.

(2) ACLS, certification in emergency nursing sponsored by the Emergency Nurses Association, and verification of the Basic Competencies (see b(1)).

(3) ACLS, verification of the Basic Competencies (see b(1)), and 2000 hours of emergency nursing clinical practice over the past 2 years.

(4) ACLS, verification of the Basic Competencies (see b(1)), completion of a 2 week, minimum 80 hour, emergency nursing course, in conjunction with an additional 320 hours in emergency nursing practice over an 18 month period.

**c. Restrictions.** For use with Army Nurse Corps AOC 66H.

## **Chapter 5** **Grade Standards for Officer Positions**

### **5-1. General**

The policy on grade standards for officer positions is in AR 611-1.

### **5-2. SG, TDA, and MTOE/TOE tables**

The following tables provide the authorized abbreviations, standards of grade (SG) for Table of Distribution and Allowances (TDA), modified (MTOE)/TOE, battalion level and medical grades.

**Table 5-1**  
**Authorized Abbreviations for Officer Positions**

Position	Abbreviation
Adjutant	Adj
Adjutant General	AG
Air Defense Artillery Officer	ADA Off
Anesthesia Nursing	Anesth Nurse
Assistant Chief	Asst Ch
Assistant Chief of Staff	CofS
Assistant Chief of Staff, G-1	ACofS, G1
Assistant Chief of Staff, G-2	ACofS, G2
Assistant Chief of Staff, G-3	ACofS, G-3
Assistant Chief of Staff, G-4	ACofS, G-4
Assistant Chief of Staff, G-5	ACofS, G-5
Assistant Chief of Staff, Civil Affairs	ACofS, CA
Assistant Chief of Staff, Communications Electronics, C-E	ACofS, G6
Assistant Chief of Staff, Comptroller	ACofS, Compt
Assistant Chief of Staff, Maintenance	ACofS, Maint
Assistant Chief of Staff, Materiel	ACofS, Mat
Assistant Chief of Staff, Movements	ACofS, Mov
Assistant Chief of Staff, Personnel	ACofS, Per
Assistant Chief of Staff, Personnel and Administration	ACofS, P&A
Assistant Chief of Staff, Plans and Operations	ACofS, P&O
Assistant Chief of Staff, Security	ACofS, Scty
Assistant Chief of Staff, Security, Plans, and Operations	ACofS, P&O
Assistant Chief of Staff, Services	ACofS, Svc
Assistant Chief of Staff, Supply	ACofS, Sup
Assistant Chief of Staff, Transportation	ACofS, Trans
Assistant Commander	Asst Cdr
Assistant Consultant	Asst Cons
Assistant G2-G3-G4, Chemical	Asst G2-G3-G4, Chem
Assistant G4, Transportation	Asst G4, Trans
Aviation Officer	Avn Off
Automation Management Officer	AMO
Battlefield Intelligence Coordination Center	BICC
Chemical Officer	Chem Off
Chief, Aviation Division	C, Avn Div
Chief, Finance and Accounting Division	C, Fin & Acct
Chief, Food Service	C, Food Svc
Chief/Head Nurse	C/H Nurse
Chief of Dental Service	C, Den Svc
Chief of Medical Service	C, Med Svc
Chief Nursing Consultant	C, Nurse Consul
Chief Nursing Education and Training	C, Nur Ed & Tng
Chief Nursing Research	C, Nur Research
Chief Nursing Science	C, Nur Sci
Chief Operating Room Nurse	C, Op Rm Nur
Chief Social Work Services	C, Soc Wk Svc
Chief, Pharmacy Services and Pharmacy Advisor	C, Ph Svc & Ph
Chief, Occupational Therapy	C, OT
Chief of Staff	CofS
Chief of Surgical Service	C, Sug Svc
Chief, Services Division	C, Svc Div
Chief, Supply Division	C, Sup Div
Civil Affairs Staff Officer	CA Staff Off
Commander	Cdr
Commanding General	CG
Commander, Dental Activity	Cdr DENTAC
Communications-Electronics Officer	C-E Off
Community Health	Cmty Health
Comptroller	Compt
Counter Intelligence Officer	CI Officer
Dental Surgeon	Dent Surg
Department or Division Nursing	Dept/Div Nur
Department Division or Clinical Nursing Element	Dept, Div/Clin Nur Elm
Deputy Chief of Staff	DCofS
Deputy Chief of Staff, Communications-Electronics	DCS C-E
Deputy Chief of Staff, Comptroller	DCS Compt
Deputy Chief of Staff, Intelligence	DCS INT
Deputy Chief of Staff, Logistics	DCS LOG
Deputy Chief of Staff, Operations and Training	DCSOP & Tng
Deputy Chief of Staff, Personnel	DCSPER
Deputy Chief of Staff, Resources Management	DCSRM
Deputy Commander	DCDR
Deputy Installation Commander	Dep Inst Cdr
Director of Automation	D, Auto
Director of Civil Affairs	DCA

**Table 5-1**  
**Authorized Abbreviations for Officer Positions—Continued**

Position	Abbreviation
Director of Communications-Electronics	DC-E
Director of Facilities Engineering	DFAE
Director of Industrial Operations	DIO
Director of Intelligence	DI
Director of Maintenance	D Maint
Director of Management Information Systems	DMIS
Director of Medical Activities and Surgeon	D MEDDAC Surg
Director of Personnel and Community Activities	DPCA
Director of Plans and Operations	DPO
Director of Plans and Training	DPT
Director of Resource Management	DRM
Director of Security	DSEC
Director of Security, Plans and Operations	DSECPO
Director of Services	D Svc
Director of Services, Supply and Maintenance	DSSM
Director of Supply	D Sup
Emergency Nursing	Emer Nurs
Engineer	Eng
Equal Employment Opportunity Officer	EEEO
Executive Officer	XO
Field Artillery Officer	FA Off
Finance and Accounting Officer	Fin/Acct Off
Finance Officer	Fin Off
Food Service Advisor/Consultant	Food Svc A-C
Headquarters Commandant	HQ Comdt
Hospital IG	Hosp IG
Hospital SJA	Hosp SJA
Human Intelligence Officer	Humit Off
Information Officer	IO
Inspector General	IG
Intelligence Officer	Int Off
Judge Advocate	JA
Maintenance Officer	Maint Off
Management Information Systems Officer	MISO
Medical Consultant	Med Consul
Nurse Consultant	Nur Consul
Occupational Therapy Advisor/Consultant	OT A/C
Operations Training Officer	OP Tng Off
Personnel Staff Officer (G1) (S1)	PERSO
Petroleum Officer	Petr Off
Provost Marshal	PM
Public Affairs Officer	PAO
Reserve Components Support Element	RCSE
Secretary of the General Staff	SGS
Signal Officer	Sig Off
Special Security Officer	SSO
Staff Judge Advocate	SJA
Supply Officer	Sup Off
Surgeon	Surg
Surgical Consultant	Surg Consul
Tactical Surveillance Officer	TSO
Transportation Officer	Trans Off
Troop Commander	Trp Cdr
Unit Commander	Unit Cdr

**Table 5-2  
Standards of grade TDA**

Position	GENERAL OFFICER COMMAND						COLONEL COMMAND			
	GEN	LTG	MG FOA/ MACOM/ USAR EX DIV	MG	BG	BG/1ST BDE USAR EX DIV	USATC 5,000/USAR EX DIV	USAGE 20,000	USAG 8-20,000	USAG 8,000
DCDR CofS DCofS/ACofS XO SGS G1/S1/DCSPER/DPCA	LTG MG  COL LTC MG	MG BG COL  LTC COL	BG <sup>g</sup> COL LTC MAJ COL	BG COL LTC MAJ LTC	COL  LTC LTC	COL  LTC LTC	LTC  MAJ LTC	   LTC	   LTC	   MAJ
G2/S2/DCSINT/DSEC G3/S3/DCSOPS/DPTM ACofS/Svc/Dir Svc ACofS, Sup/Dir Sup ACofS, Maint G4/S4/DCSLOG/DIO/DOL G5/S5/ACofS,CA	BG MG  MG BG	COL COL LTC LTC LTC COL COL	LTC COL  COL COL	LTC LTC LTC <sup>e</sup> LTC <sup>e</sup> LTC <sup>e</sup> LTC	LTC  LTC LTC	LTC  LTC LTC	MAJ LTC  MAJ MAJ	LTC  LTC MAJ	LTC  LTC MAJ	MAJ  MAJ MAJ
DOIM Compt/DCSRM/DRM AG/Adj Ch Av/Avn Off Chaplain	COL BG COL COL COL	COL COL COL COL COL	COL COL LTC COL	MAJ COL LTC LTC	  LTC LTC	LTC  LTC	MAJ  MAJ CPT MAJ	LTC LTC MAJ MAJ COL	MAJ LTC MAJ MAJ COL	CPT MAJ CPT CPT LTC
DEH F&AO Hq Comdt PA Off IG	COL COL  COL COL	COL COL <sup>a</sup> LTC LTC COL	LTC <sup>i</sup> LTC MAJ MAJ <sup>d</sup> LTC	LTC <sup>b</sup> MAJ MAJ LTC	LTC MAJ LTC	  CPT	  CPT CPT MAJ	LTC <sup>c</sup> LTC LTC MAJ LTC	LTC MAJ MAJ MAJ LTC	MAJ MAJ CPT MAJ MAJ
PSYOP Off PM SJA DMA/Surgeon Chemical Off Aide-de-Camp	COL COL COL COL COL LTC	LTC COL COL COL COL MAJ	LTC LTC COL LTC <sup>h</sup> CPT	LTC LTC LTC LTC LTC CPT	MAJ  MAJ LT	  LT	MAJ MAJ  CPT	MAJ LTC COL	MAJ LTC LTC	MAJ MAJ LTC
Staff Officer	Rmk5	Rmk5	Rmk5	Rmk5	Rmk5	Rmk5	Rmk5	Rmk5	Rmk5	Rmk5

Remarks:

- The positions included in the generic tables are not inclusive of all units. They are used as guidelines for positions that exist within a unit.
- Examples of General Officer Commands:
  - GEN-MACOM responsible directly to CSA, i.e., TRADOC, FORSCOM, etc.
  - LTG-CONUS Army, Integrating Center.
  - MG-MACOM or Field Activity responsible to a member of HQDA, i.e., PERSCOM, MTMC, MDW, etc., USATC over 11,000 population required.
  - BG-USATC 5,000-11,000 population required.
- Grades are based on the criteria established in chapter 5 of this regulation.
- Population figures are total civilian and military requirements unless otherwise stated.
- Not more than 50% of staff positions not shown (non-supervisory action officers) will be graded at least one grade lower than their immediate supervisor (military or civilian). All other positions will be graded two or more grades lower than their immediate supervisor, unless that would require grading as lieutenant. Requests for exemption to the 50% rule must be submitted in writing to Commander, U.S. Army Force Integration Support Agency (USAFISA), ATTN: MOFI-DOC, Fort Belvoir, VA 22060-5587 per AR 611-101, paragraph 5-4 for approval/disapproval by the Director of Manpower, DA, ODCSPER.
- DEH grade higher than MAJ must be concurred with by the OCE.
- Reserve Support Commands (RSC) and Army Reserve Commands (ARCOM) commanded by Major General will have Inspector General position authorized Colonel (O6).

**Table 5-2**  
**Standards of grade TDA —Continued**

Position	GENERAL OFFICER COMMAND						COLONEL COMMAND			
	GEN	LTG	MG FOA/ MACOM/ USAR EX DIV	MG	BG	BG/1ST BDE USAR EX DIV	USATC 5,000/USAR EX DIV	USAGE 20,000	USAG 8-20,000	USAG 8,000
CG/CDR										

8. The grade of a position will not be structured to authorize the supervision of an equal grade. Positions will not exceed the grade established by the standard. A lower position grading or structural supervisory change is required when in conflict with the "equal grade prohibition".

9. Cdr, 1st Bde of USAR Exercise Division for Battle Command and Staff Training (BCST) position dual hatted. Also serves as Deputy Division Commander. Notes:

- a. USARJ position one grade lower.
- b. MDW position one grade higher.
- c. Positions supporting populations of more than 24,000 or building square footages greater than 20,000,000 will be one grade higher.
- d. USAREC position one grade higher.
- e. These positions will be graded one grade higher in the Army's Commodity Commands.
- f. S2/3 position in 1st Brigade (BCST) Hq for USAR Division Exercise one grade higher.
- g. Assistant Deputy Commander position for USAR Division Exercise graded COL.
- h. Surgeon position for USAR Division Exercise graded LTC.
- i. Division Engineer position for USAR Division Exercise graded LTC.
- j. XO position for Field Exercise Brigade of USAR Division Exercise graded LTC.

**Table 5-3  
Standards of grade for TOE/MTOE**

CG/CDR	GENERAL OFFICER								FIELD GRADE	
	GEN		LTG		MG		BG		COL	
	TOE	MTOE <sup>4</sup>	TOE	MTOE <sup>4</sup>	TOE	MTOE <sup>4</sup>	TOE	MTOE <sup>4</sup>	TOE	MTOE <sup>4</sup>
DCDR CofS DCofS/ACofS XO SGS G1/S1/DCSPER	MG MG COL		MG MG COL		BG COL <sup>amr</sup> COL	COL <sup>ar</sup> LTC <sup>a</sup>	COL LTC <sup>b</sup> MAJ <sup>s</sup> LTC <sup>c</sup> MAJ MAJ <sup>bc</sup>	LTC  LTC <sup>w</sup> MAJ <sup>v</sup>	LTC  LTC <sup>sk</sup> MAJ <sup>rl</sup>	LTC <sup>sk</sup>  CPT
G2/S2/DCSINT/DSEC G3/S3/DCSOPS/DPT ACofS, Svc/Dir Svc ACofS, Sup/Dir Sup ACofS, Maint G4/S4/DCSLOG	BG BG COL COL COL BG		COL COL LTC LTC LTC COL		COL <sup>d</sup> COL <sup>d</sup> COL <sup>gp</sup> COL <sup>op</sup> COL <sup>gp</sup> COL <sup>d</sup>	LTC  LTC <sup>ai</sup> LTC LTC <sup>am</sup> LTC	MAJ <sup>c</sup> LTC LTC MAJ <sup>b</sup> MAJ <sup>b</sup> MAJ	MAJ <sup>v</sup> LTC <sup>v</sup> MAJ <sup>b</sup> MAJ <sup>b</sup> MAJ <sup>v</sup>	MAJ <sup>z</sup> LTC <sup>xy</sup> LTC MAJ <sup>b</sup> MAJ <sup>b</sup> MAJ	MAJ <sup>b</sup>
ACofS, Scty PO ACofS, Trans G5/S5/ACofS, CA DCS C-E/DC-E Compt/DCSRM/DRM AG/Adj LTC BG BG  COL		LTC COL COL  COL		COL <sup>p</sup> COL <sup>ip</sup> COL <sup>dp</sup> LTC <sup>kr</sup> COL <sup>k</sup> LTC <sup>j</sup>	COL LTC <sup>i</sup> LTC LTC LTC MAJ	LTC LTC LTC MAJ LTC MAJ	MAJ <sup>b</sup> MAJ MAJ MAJ <sup>aa</sup>		LTC	
ADA Off Avn Off G3 Air Chaplain DFAE/Eng DMIS/MISO FA Off	BG <sup>f</sup> COL COL COL BG <sup>f</sup> BG		COL <sup>r</sup> LTC  COL BG COL BG <sup>f</sup>	COL <sup>r</sup>	LTC <sup>r</sup> LTC <sup>r</sup>  COL <sup>d</sup> LTC <sup>r</sup> LTC COL <sup>r</sup>	COL <sup>r</sup>	CPT <sup>r</sup> MAJ <sup>r</sup>  LTC MAJ  LTC <sup>r</sup>		MAJ <sup>r</sup>  MAJ	CPT
Finance Off HQ Comdt PAO IG PM PSYOP Off JA/SJA	BGr COL COL COL COL <sup>q</sup> COL COL	CPT	COL <sup>r</sup> LTC LTC COL COL <sup>r</sup> LTC COL	CPT	LTC <sup>r</sup> MAJ MAJ <sup>aei</sup> LTC <sup>aei</sup> LTC MAJ LTC <sup>a</sup>	CPT	LTC <sup>r</sup> MAJ CPT MAJ <sup>b</sup> MAJ <sup>b</sup> MAJ LTC	CPT  MAJ MAJ	LT  MAJ MAJ <sup>tu</sup>	CPT  MAJ MAJ <sup>u</sup>
Surgeon/DMA Staff Officer Aide-de-Camp Chemical Off	COL h LTC COL		COL h MAJ COL		COL <sup>dr</sup> h CPT LTC		MAJ h LT MAJ		MAJ <sup>n</sup>  CPT <sup>t</sup>	MAJ <sup>u</sup>

**Table 5-3  
Standards of grade for TOE/MTOE—Continued**

CG/CDR	GENERAL OFFICER						FIELD GRADE			
	GEN		LTG		MG		BG		COL	
Position	TOE	MTOE <sup>4</sup>	TOE	MTOE <sup>4</sup>	TOE	MTOE <sup>4</sup>	TOE	MTOE <sup>4</sup>	TOE	MTOE <sup>4</sup>

Remarks:

- The positions included in the generic tables are not inclusive of all units. They are used as guidelines for positions that exist within a unit.
- Examples of General Officer/Colonel Commands:
  - GEN--Army
  - LTG--Corps
  - MG--COSCOM, PERSCOM, TAACOM, TRANSCOM, Division
  - BG--Support Brigade, Separate Brigade, Legal Services Command.
  - COL--DISCOM, TA Support Group, Divisional Brigade, Regiment, Division Artillery, Group/FA Brigade.
- Grades are based on the criteria established in chapter 5 of this regulation.
- MACOMs will document dual-line for MTOE position downgrades.

Example:

Position	Paragraph	Line	Grade	Requirement	Authorized
Current	101	01	06	1	0
New	101	01A	05	0	1

Notes:

- <sup>A</sup> TAACOM positions one grade higher.
- <sup>B</sup> Support Brigade or Legal Services Command positions one grade higher.
- <sup>C</sup> Corp Artillery positions one grade higher.
- <sup>D</sup> Division positions one grade lower.
- <sup>E</sup> PERSCOM positions one grade higher.
- <sup>F</sup> TA Support Group position one grade higher.
- <sup>G</sup> PERSCOM position two grades lower.
- <sup>H</sup> Staff officers not shown will be graded one grade lower than the immediate supervisor. In organizations commanded by MG and higher, not more than fifty percent of commissioned officer positions not shown will be one grade lower than the immediate supervisor.
- <sup>I</sup> TRANSCOM positions one grade higher.
- <sup>J</sup> COSCOM positions one grade lower.
- <sup>K</sup> TRANSCOM positions one grade lower.
- <sup>L</sup> Divisional Brigade positions one grade lower (Brigade S1 will be graded CPT).
- <sup>M</sup> COSCOM positions one grade higher.
- <sup>N</sup> DISCOM positions one grade higher.
- <sup>O</sup> PERSCOM positions one grade lower.
- <sup>P</sup> When authorized in writing by HQDA.
- <sup>Q</sup> Higher grade when authorized in writing by HQDA.
- <sup>R</sup> Dual function position, i.e. Corp FA officer/Corp Artillery Commander.
- <sup>S</sup> If DCDR authorized, this position will be graded as MAJ, except in Theater Defense Brigade and Special Operations Aviation (SOA) Regiment.
- <sup>T</sup> SF Abn Group or in Chemical staff position of ACR authorized one grade higher.
- <sup>U</sup> One grade higher when commander may convene a General Courts-Martial.
- <sup>V</sup> One grade higher in Civil Affairs Brigade.
- <sup>W</sup> Not authorized in CofS position is authorized. ARFOR Staff positions one grade higher.
- <sup>X</sup> Special Forces Group XO graded LTC and S3 graded MAJ.
- <sup>Y</sup> Divisional brigade position one grade lower, except DIVARTY will be LTC.
- <sup>Z</sup> Ranger Regiment authorized one grade higher (Assistant S2 will be CPT).
- <sup>AA</sup> In Special Operations Aviation (SOA) Regiment.

**Table 5-4  
Battalion Level Grade Table**

Position	Battalion	Company/Bty/Trp/Detachment
CDR	LTC	CPT <sup>b,c,d</sup>
XO	MAJ <sup>f</sup>	LT <sup>e</sup>
S1	CPT <sup>f</sup>	
S2	CPT <sup>f</sup>	
S3	MAJ <sup>a,f</sup>	
S4	CPT <sup>f</sup>	
S5	CPT	
Chaplain	CPT	
Chemical	LT	
Signal Off	CPT <sup>f</sup>	
Maint Off	CPT	

Notes:

<sup>1</sup> The positions included in the generic tables are not inclusive of all units. They are used as guidelines for positions that exist within a unit.

<sup>2</sup> XO positions in CS and CSS companies can be authorized only under AR 570-2.

<sup>3</sup> Grades are based on the criteria established in chapter 5 of this regulation.

<sup>A</sup> Graded CPT when materiel officer or comparable position is MAJ.

<sup>B</sup> Higher grade only with approval by HQDA in writing for specified AV, EN, FA, MI, MS, QM, OD, and SF units.

<sup>C</sup> Graded MAJ when requiring a Medical Corps or Dental Corps officer in command.

<sup>D</sup> Medical Air Ambulance Companies or Detachments will be graded MAJ.

<sup>E</sup> Graded CPT when commander is graded MAJ.

<sup>F</sup> One grade higher in Special Operations Assault Helicopter Battalion.

<sup>G</sup> Graded MAJ in Fwd Spt Co (SOSB) Abn.

**Table 5-5**  
**Standards of grade for TOE/MTOE--Medical Command and Brigade Table**

CG/CDR	GENERAL OFFICER				FIELD GRADE	
	TOE	MTOE	TOE	MTOE	TOE	MTOE
CG/CDR	MG Medical Command (TA)					
DCDR CofS XO SGS G1/S1/DCSPER	BG COL		COL		LTC	
G2/S2/DCSINT/DSEC G3/S3/DCSOPS/DCS SPO G4/S4/DCSLOG/Hlth Svc Mat Off G5/ACofS, CA	MAJ COL COL LTC		MAJ COL LTC LTC		MAJ	
C-E Off/CE Stf Off S2/S3 and/or Ops Off DCS IMO/IMO/Bio Med Info Off DCS Compt/DCSRM/DRM	LTC COL COL				MAJ LTC CPT CPT	
DCDR Clin Svc/Ch Clin Svc DCofS Den Svc/ACofS, Dent Ch Nurse Ch Nutr/Diet/Diet Cons Ch Vet Svc/Clin/Sec/Sr Vet Behv Sci Off	BG COL COL COL COL		COL COL COL MAJ COL		COL COL MAJ MAJ	
Prof Svc Cons/Clin Svc ACofS, SPO Med Reg/Pnt Admin Off Aero Med Evac Off IG	COLa LTC LTC MAJ COL		COLb LTC LTC MAJ MAJ		MAJ MAJ	
Chaplain PA Off SJA/CJA Chem Off Pvnt Med Off Envr Sci Off Staff Officer Aide-de-Camp Co/Det Hq Cdr	COL LTC LTC MAJ COL LTC c. CPT CPT		LTC MAJ MAJ MAJ LTC LTC c. LT CPT		MAJ MAJ CPT LTC MAJ c. CPT	

**Table 5-5  
Standards of grade for TOE/MTOE--Medical Command and Brigade Table--Continued**

CG/CDR	GENERAL OFFICER				FIELD GRADE	
	MG Medical Command (TA)					
Position	TOE	MTOE	TOE	MTOE	TOE	MTOE

Notes:

Remarks:

1. The positions included in the generic tables are not inclusive of all units. They are used as guidelines for positions that exist within a unit.
2. Examples of General Officer/Colonel Commands:
  - a. GEN--Army
  - b. LTG--Corps
  - c. MG--MEDCOM (TA), COSCOM, PERSCOM, TAACOM, TRANSCOM, Division.
  - d. BG--MEDCOM (Corps), Support Brigade, Separate Brigade, Legal Services Command.
  - e. COL--Medical Brigade (Corps and EAC), DISCOM, TA Support Group, Divisional Brigade, Regiment, Division Artillery, Group/FA Brigade.
3. Grades are based on the criteria established in Chapter 5 of this regulation.
4. MACOMs will document dual-line for MTOE position downgrades and/or upgrades when approved by HQDA (ASA (M&RA), GOMO and ODCSPER).

Example:

Position	Paragraph	Line	Grade	Requirement	Authorized
Current	101	01	06	1	0
New	101	01A	05	0	1

Notes:

<sup>A</sup> MEDCOM (TA)--Clinical Services consultant positions graded COL, Optometry Officer graded LTC.

<sup>B</sup> MEDCOM (Corps)--Clinical Services consultant positions graded COL (except Medical Surgical Nurse, Nuclear Medical Science, Entomologist, Environmental Science, Social Science, Social Worker, Psychiatrist and Psychologist will be graded LTC).

<sup>C</sup> Staff officers not shown will be graded one grade lower than the immediate supervisor. In medical organizations commanded by MG and BG, not more than fifty percent of commissioned officer positions not shown will be one grade lower than the immediate supervisor.

**Table 5-10**  
**Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<b>Reserve Components USAR/ARNG Battle Projection/Simulation Exercise Group of Battle Command Staff Training (BCST) Brigade</b>														
1	Simulation coach	CPT		1	1	2	2	3	3	4	4	5	Simulation Team, Battle Projection Group (BPG), Battle Command Staff Training (BCST) Brigade, USAR.	
2	Sr simulations coach	MAJ		1	1	2	2	3	3	4	4	5		
3	OPFOR controller	CPT		1	1	2	2	2	3	3	4	4	OPFOR Tm, Simulation Exercise Group (SEG) BCST Bde, USAR.	
4	Sr OPFOR controller	MAJ		1	1	2	2	3	4	4	5	6		
5	Scenario dev off	CPT		1	1	2	2	3					Scenario Dev Br BPG, Div EX BCST Bde, USAR.	
6	Sr scenario dev off	MAJ		1	1	2	2	3	3					
7	____asst staff o/c	CPT		1	1	2	2	2	3	3	4	4	1. CA, CS, CSS Spt Br and Coll Mgt Br, SEG, Div EX BCST Bde, USAR.	
8	____staff o/c	MAJ		1	1	2	2	3	3	3	4	4	2. Observer/controller (o/c) positions will be AOC specific and reflect the branch, action, or each title followed by the suffix o/c.	
9	____bn o/c	LTC						1	1	1	1	1		
10	Detachment commander	CPT											Hq Det, BPG and/or SEG, Div EX BCST Bde, USAR.	
11	Operations officer	MAJ											Sim Br, BPG, Div EX BCST Bde, USAR.	
12	Simulations tm ch	LTC											Sim Tm, BPG, Div EX BCST Bde, USAR.	
13	OPFOR team chief	LTC											OPFOR Tm, BPG, Div EX BCST Bde, USAR.	
14	Deputy director	LTC											Sim Br, BPG, Div EX BCST Bde, USAR.	
15	Executive officer	LTC											Hq, BPG and/or SEG, Div EX BCST Bde, USAR.	
16	Bde OPFOR o/c	COL											OPFOR Br, BPG, Div EX BCST Bde, USAR.	
17	Bde o/c	COL											CA, CS, CSS Spt Br and Coll Mgt Br, SEG, Div EX BCST Bde, USAR.	
18	Simulation director	COL											Sim Br, BPG, Div EX BCST Bde, USAR.	
19	Commander	COL											Hq, BPG and/or SEG, Div EX BCST Bde, USAR.	
<b>Field Exercise Lane Team</b>														
20	Lanes team chief	MAJ											1. Principal supervisor for Field Exercise Lane Team Training of USAR EX Div. 2. Field Exercise Tm Ch will be AOC specific to reflect the Br, action, or training function.	
21	Platoon leader o/c	CPT											1. Principal observer and controller (o/c) in Plt of a lane team, USAR EX Div. 2. Platoon leader o/c will be AOC specific to reflect the Br, action, or training function. 3. Subsequent Plt Ldr o/c positions will also be graded CPT.	

Notes:

\* Blank spaces in this column indicate not applicable.

**Table 5-65A-1**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	OCC THERAPIST	65A	LT	1	1	1	1	2	2	2	3	3	3	Single positions will be graded CPT. The title Chief or Assistant Chief, of specific section, will be used as appropriate. <i>Note.</i> This standard will be applied cumulatively to all positions in Occupational Therapy Section.
2	OCC THERAPIST	65A	CPT	1	1	1	1	2	3	3	3	4		
3	OCC THERAPIST	65A	MAJ		1	1	1	1	1	1	2	2		
4	OCC THERAPIST	65A	LTC			1	1	1	1	1	1	1		
5	OCC THERAPIST	65A	CPT	1	1	1	2						1. General Hospital. This standard will be applied cumulatively to all positions in Occupational Therapy Section. 2. Medical Detachment, Combat Stress Control.	

**Table 5-65A-1  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
6	OCC THERAPIST	65A	MAJ		1	1	1									
7	OCC THERAPIST	65A	LTC			1	1									
8	AMSC OFFICER/ OCC THER STF OFF	65A	MAJ													Brigade.
9	OCC THERAPIST	65A	MAJ													Medical Company, Combat Stress Control. Subsequent positions will be graded CPT.
10	OCC THER CONSULT- ANT	65A	COL													7th Medical Command.

Notes:

<sup>1</sup> Blank spaces in column indicate not applicable.

**Table 5-65A-2  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	OCC THERAPIST	65A	LT	1	1	1	1	2	2	2	3	3	3			Single positions will be graded CPT. The title Chief or Assistant Chief, of specific section, will be used as appropriate.
2	OCC THERAPIST	65A	CPT		1	1	1	1	2	3	3	3	4			Note: This standard will be applied cumulatively to all positions in Occupational Therapy Section.
3	OCC THERAPIST	65A	MAJ			1	1	1	1	1	1	2	2			
4	OCC THERAPIST	65A	LTC				1	1	1	1	1	1	1			
5	OCC THERAPIST	65A	CPT	1	1	1	2									1. Exceptional Family Member Program, Institute for Surgical Research.
6	OCC THERAPIST	65A	MAJ		1	1	1									2. This standard will be applied cumulatively to all positions in Occupational Therapy Section.
7	OCC THERAPIST	65A	LTC			1	1									
8	OCC THERAPIST	65A	CPT													Second position Occupational Therapy Section, LAMC and USA MEDDAC Fort Bragg.
9	ASSISTANT AMSC CAO	65A	CPT													PERSCOM (to be applied only when position documented as AOC 65A).
10	AMSC PERS COUNSE- LOR	65A	MAJ													U.S. Health Professional Support Agency.
11	CH OCC THER SEC	65A	MAJ													USA MEDDAC Fts Hood, Knox, Leonard Wood, Polk, Riley and Dix.
12	ASST CH OCC THER SEC	65A	MAJ													MAMC.
13	PERS PROPONENT STF OFF	65A	MAJ													Academy of Health Sciences (to be applied only when position documented as AOC 65A).
14	CH OCC THER SEC	65A	LTC													1. BAMC, LAMC, MAMC, WBAMC, DDEAMC, FAMC. 2. USA MEDDAC Fts Bragg, Benning and Jackson. 3. 1,000 bed hospital (Reserve Component).
15	DIR OT INTERN GM	65A	LTC													WRAMC.
16	CHIEF OCC THER BRANCH	65A	LTC													Academy of Health Sciences, U.S. Army.
17	ASST CH OCC THER SEC	65A	LTC													TAMC.
18	AMSC CORPS CHIEF	65A	COL													OTSG (to be applied only when position documented as AOC 65A).
19	CH OCC THER SEC- TION	65A	COL													Army Medical Specialist Corps (positions currently in WRAMC).
20	CH AMSC CAREER ACT BR	65A	COL													PERSCOM (to be applied only when position documented as AOC 65A).
21	OCC THER STF OFF	65A	COL													Health Services Command.

**Table 5-65A-2  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
22	CH OCC THER SEC-TION	65A	COL													TAMC and WRAMC.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

**Table 5-65B-1  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	PHYSICAL THERAPIST	65B	LT	1	1	1	1	2	2	2	3	4	1.	Single positions will be graded CPT. 2. Title Chief or Assistant Chief, of specific section, will be used as appropriate. <i>Note.</i> Standard will be applied cumulatively to all positions in Physical Therapy Section.
2	PHYSICAL THERAPIST	65B	CPT			1	1	1	2	3	3	3		
3	PHYSICAL THERAPIST	65B	MAJ	1	1	1	1	1	1	1	1	2		
4	PHYSICAL THERAPIST	65B	LTC			1	1	1	1	1	1			
5	AMSC OFF PT STAFF OFF	65B	MAJ											Brigade/Division/Corps Staff.
6	CHIEF PT SECTION	65B	LTC											General Hospital.
7	PT CONSULTANT	65B	COL											7th Medical Command.

Notes:

<sup>1</sup> \*Blank spaces in column indicate not applicable

**Table 5-65B-2  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	PHYSICAL THERAPIST	65B	LT	1	1	1	1	2	2	2	3	4	4	1.	Single positions will be graded CPT. 2. When two positions exist in USA MEDDAC, they will be graded MAJ and CPT. 3. The title Chief or Assistant Chief, of specific section, will be used as appropriate. <i>Note.</i> This standard will be applied cumulatively to all positions in Physical Therapy Section.
2	PHYSICAL THERAPIST	65B	CPT			1	1	1	2	3	3	3			
3	PHYSICAL THERAPIST	65B	MAJ	1	1	1	1	1	1	1	1	2			
4	PHYSICAL THERAPIST	65B	LTC			1	1	1	1	1	1				
5	PHYSICAL THERAPIST	65B	LT			1								Schofield Barracks, Institute for Surgical Research. This standard will be applied cumulatively to all positions in Physical Therapy Section.	
6	PHYSICAL THERAPIST	65B	CPT	1	1	1									
7	PHYSICAL THERAPIST	65B	MAJ			1	1								
8	PHYSICAL THERAPIST	65B	CPT	1	1	2	2	3						Exceptional Family Member Program. This standard will be applied cumulatively to all positions in Physical Therapy Section.	
9	PHYSICAL THERAPIST	65B	MAJ			1	1	1	1						
10	PHYSICAL THERAPIST	65B	LTC			1	1								

**Table 5-65B-2  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
11	PHYSICAL THERAPIST	65B	CPT	1	1	1	1	1	1	2	2	2	2	AHS (title PT Instructor will be used when appropriate), U.S. Army, Clinical Investigation Service, Pentagon Health Clinic, 121st Evac Hospital and Reconditioning Bn. This standard will be applied cumulatively to all positions in Physical Therapy Section.
12	PHYSICAL THERAPIST	65B	MAJ	1	1	2	2	3	3	4	4	5	6	
13	PHYSICAL THERAPIST	65B	LTC			1	1	2	2	2	2	2	2	
14	ASST AMSC CAR ACT OFF	65B	CPT											PERSCOM (to be applied only when position documented as AOC 65B).
15	ASST CH PT SECTION	65B	MAJ											WBAMC and USA MEDDAC Fort Riley.
16	ASST TO CHIEF	65B	MAJ											Army Medical Specialist Corps, OTSG.
17	PERS PROPONENT STF OFF	65B	MAJ											Academy of Health Sciences, U.S. Army (to be applied only when position documented as AOC 65B).
18	AMSC PERS COUNSELOR	65B	MAJ											U.S. Health Professional Support Agency.
19	CHIEF PT SECTION	65B	LTC											USA MEDDAC Fort Belvoir, McClellan, Ord, Riley and West Point.
20	ASST CH PT SEC	65B	LTC											BAMC, DDEAMC and WRAMC.
21	EDUC COORD PT SECTION	65B	LTC											BAMC and WRAMC.
22	DIR PT SEC PROGRAM	65B	LTC											Academy of Health Sciences.
23	AMSC CORPS CHIEF	65B	COL											OTSG (to be applied only when position documented as AOC 65B).
24	CHIEF PT SECTION	65B	COL											Army Medical Specialist Corps (positions currently in WRAMC).
25	CH AMSC CAREER ACT BR	65B	COL											PERSCOM (to be applied only when position documented as AOC 65B).
26	CHIEF PT SECTION	65B	COL											BAMC, DDEAMC, FAMC, MAMC, TAMC, WRAMC.
27	PT STAFF OFFICER	65B	COL											Health Services Command.
28	CHIEF PT BRANCH	65B	COL											Academy of Health Sciences.

Notes:

<sup>1</sup> \*Blank spaces in column indicate not applicable.

**Table 5-65C-1  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	DIETITIAN	65C	LT	1	1	1	1	2	2	2	3	3	3	1. Single positions will be graded CPT. 2. Title Chief or Assistant Chief, of specific section, will be used as appropriate. 3. Standard will be applied cumulatively to all positions in Nutrition Care Division/Directorate.
2	DIETITIAN	65C	CPT	1	1	1	1	2	3	3	4	5		
3	DIETITIAN	65C	MAJ			1	1	1	1	1	1	1	1	
4	DIETITIAN	65C	LTC				1	1	1	1	1	1	1	
5	DIETITIAN	65C	CPT	1	1	2								1. 300 Bed Station Hospital. 2. Standard will be applied cumulatively to all positions in Nutrition Care Division/Directorate.
6	DIETITIAN	65C	MAJ	1	1									
7	CHIEF DIETITIAN	65C	MAJ											CSH, Field Hospital, and Station Hospital.

**Table 5-65C-1  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
8	AMSC STAFF OFFICER	DIE-TETIC STAFF OFFICER	65C	MAJ												Brigade/Division/Corps Staff.
9	DIETETIC CONSULTANT	65C	LTC													HHC Med Command and 18th Med Command.
10	DIETETIC CONSULTANT	65C	COL													7th Medical Command and HHD, Hospital Center.

Notes:  
<sup>1</sup> \*Blank spaces in column indicate not applicable.

**Table 5-65C-2  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	DIETITIAN	65C	LT	1	1	1	1	2	2	2	3	3	3			1. Single positions will be graded CPT. 2. The title Chief or Assistant Chief, of specific section, will be used as appropriate. 3. Standard will be applied cumulatively to all positions in Nutrition Care Division/Directorate.
2	DIETITIAN	65C	CPT		1	1	1	1	2	3	3	4	5			
3	DIETITIAN	65C	MAJ			1	1	1	1	1	1	1	1			
4	DIETITIAN	65C	LTC				1	1	1	1	1	1	1			
5	DIETITIAN	65C	CPT	1	1	2										1. USARIEM (title Research Dietitian will be used when appropriate), AHS, U.S. Army HCSSA (title Nutrition Care Automation Officer will be used when appropriate), Exceptional Family Member Program, Clinical Investigation Service (WRAMC). 2. Standard will be applied cumulatively to all positions in Nutrition Care Division/Directorate.
6	DIETITIAN	65C	MAJ		1	1										
7	ASST AMSC CAR ACT OFF	65C	CPT													PERSCOM (to be applied only when position documented as AOC 65C).
8	CH NUTRIT CARE DIV	65C	MAJ													USA MEDDAC Panama, Forts Belvoir, Ord and Polk.
9	NUTRITION STAFF OFF	65C	MAJ													U.S. Health Professional Support Agency.
10	CH PRODUCT AND SER BR	65C	MAJ													USA MEDDAC Forts Benning, Jackson, Knox, Sill and MAMC.
11	AMSC PERS COUNSELOR	65C	MAJ													U.S. Health Professional Support Agency.
12	CHIEF DIETITIAN	65C	MAJ													Kyle Metabolic Unit and U.S. Army Military Academy.
13	PERS PROP STAFF OFF	65C	MAJ													Academy of Health Sciences (to be applied only when position documented as AOC 65C).
14	CHIEF DIETITIAN	65C	LTC													Institute of Surgical Research, Burn Study Br.
15	CH CLIN INVEST SVC	65C	LTC													WRAMC.
16	DIETETIC CONSULTANT	65C	LTC													AAFES.
17	DIR DIET INTERN PROG	65C	LTC													BAMC and WRAMC.
18	CH AMSC PROG MGT BR CH DC PROG MGT BR CH VC PROG MGT BR	65C	LTC													U.S. Health Professional Support Agency.

**Table 5-65C-2  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
19	CHIEF NUTRITION CARE BR	65C	LTC													Academy of Health Sciences, U.S. Army.
20	NUTRITION STAFF OFF	65C	LTC													Defense Management Support Systems Center, OSD.
21	CH NUTRITION CARE DIV	65C	LTC													USA MEDDAC Forts Benning, Jackson, Knox, and Sill.
22	CH CLIN DIETETIC BR	65C	LTC													BAMC and WRAMC.
23	AMSC CORPS CHIEF	65C	COL													OTSG (to be applied only when position documented as AOC 65C).
24	CH DIETITIAN SECTION	65C	COL													Army Medical Specialist Corps, OTSG.
25	CH AMSC CAREER ACT BR	65C	COL													PERSCOM (to be applied only when position documented as AOC 65C).
26	DIR NUTRITION CARE	65C	COL													BAMC, DDEAMC, FAMC, TAMC, WBAMC and WRAMC.
27	DIETETIC STAFF OFF	65C	COL													Health Services Command.

Notes:

1 \*Blank spaces in column indicate not applicable.

**Table 5-65D-1  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	PHYSICIAN ASSISTANT	65D	LT	1	1	2	2	2								FA, ADA, Light Inf, Air Assault Engineer Bn.
2	PHYSICIAN ASSISTANT	65D	CPT		1	1	1	2								
3	PHYSICIAN ASSISTANT	65D	MAJ					1	1							
4	PHYSICIAN ASSISTANT	65D	LT		1	2	2	2								FSB, CSB, Heavy Infantry, Airborne Infantry Bn, Armor, Special Forces, Ranger Armored Cavalry Squadron, Pershing Bn, Med Bn-Light Inf & Air Assault, Airborne Scouts, MI/MP Bn Treatment Sq, Med Hold Co.
5	PHYSICIAN ASSISTANT	65D	CPT		1	1	1	2	2							
6	PHYSICIAN ASSISTANT	65D	MAJ						1							
7	PHYSICIAN ASSISTANT	65D	LT					1	1	2						1. General Medical Dispensary/Med Det Railambulance. 2. Convalescent Center. 3. Separate Medical Brigade. 4. In Division Surgeons Office. 5. Civil Action Team.
8	PHYSICIAN ASSISTANT	65D	CPT					1	1	2	2					
9	PHYSICIAN ASSISTANT	65D	MAJ		1	1	1	1	1							
10	PHYSICIAN ASSISTANT	65D	LT						1	2	2					1. Main Support Battalion. 2. Aviation Battalion.
11	PHYSICIAN ASSISTANT	65D	CPT		1	1	1	1	2							
12	PHYSICIAN ASSISTANT	65D	MAJ					1	1	1	1					

**Table 5-65D-1  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
13	SR PHYSICIAN ASSISTANT	65D	MAJ													FSB, CSB, Med Bn.

Notes:

<sup>1</sup> \*Blank spaces in column indicate not applicable.

**Table 5-65D-2  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	PHYSICIAN ASSISTANT	65D	LT		1	2	2	2								TMC with physician supervision.
2	PHYSICIAN ASSISTANT	65D	CPT		1	1	1	2	2							
3	PHYSICIAN ASSISTANT	65D	MAJ						1							
4	PHYSICIAN ASSISTANT	65D	LT			1	1	2								1. TMC with no physician. 2. Specialty clinic. 3. Outpatient clinic. 4. Ambulatory care clinic. 5. MEDDAC with SI M1, M2, M3.
5	PHYSICIAN ASSISTANT	65D	CPT			1	1	2	2							
6	PHYSICIAN ASSISTANT	65D	MAJ		1	1	1	1	1							
7	PHYSICIAN ASSISTANT	65D	LT			1	2	2								Hq, State Area Headquarters(STARC).
8	PHYSICIAN ASSISTANT	65D	CPT		1	1	1	1	2							
9	PHYSICIAN ASSISTANT	65D	MAJ			1	1	1	1							
10	PHYSICIAN ASSISTANT	65D	MAJ				1	2	3							1. PA School. 2. Aviation Medicine Service, Fort Rucker.
11	PHYSICIAN ASSISTANT	65D	LTC		1	2	2	2	2							
12	PHYSICIAN ASSISTANT	65D	LTC													1. Hq, State Area Headquarters (STARC) as Sr PA. 2. U.S. Army Spt outside DoD. 3. Exercise Support Activity. 4. BAMC Education Center. 5. Medical Corps Branch, PERSCOM. 6. Corps Surgeons Office.
13	PHYSICIAN ASSISTANT	65D	COL													1. PA School as Sr PA. 2. Consultant to MEDCOM/MACOM and Surgeon General.

Notes:

<sup>1</sup> \*Blank spaces in column indicate not applicable.

## Chapter 6 Warrant Officer Military Occupational Specialty System

### Section I Overview

#### 6-1. General

The following chapters in this part provide the procedural guidance for the classification of warrant officer personnel and positions. This

publication is a complete compilation of authorized classification identifiers for warrant officer personnel and standards for grading warrant officer positions in authorization documents. No other classifications will be used for warrant officers in authorizations documents or strength reporting requirements.

#### 6-2. Changes to the warrant officer classification system

Recommendations to the warrant officer classification system for additions, revisions or deletions should be submitted as provided in AR 611-1.

### 6-3. Specifications for AOC and MOS

*a. Branch/FA description.* Consists of a two character numerical code and the title. Includes a brief description of branch/FA occupational responsibilities.

*b. AOC description.* Consists of a three character numerical code and title. Includes a brief description of the AOC.

*c. MOS related information, qualifications, and duties.* This section consists of MOS licensing/certification authority, MOS prerequisite authority, MOS accession/nonaccession information, and associated SQIs/ASIs. It also provides the qualifications and duties of the specific MOS by grade.

*d. Standards of grade tables.* SG tables follow the MOS duty description for each MOS. There is a SG for each MOS for TOE units (if applicable) and for TDA units (if applicable). The warrant officer grade listed in the SG table consists of four codes: W2 equals WO1 and CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The long and short titles shown in table 6-1 are the only authorized MOS titles to be used when posting titles to records. Authorized position titles are provided in tables 6-2 and 6-3.

## Section II

### Classification of Warrant Officers Active Army

#### 6-4. Concept

To guide the classification of individual warrant officers on active duty to include ARNG/USAR warrant officers on ADT more than 179 days.

#### 6-5. Special qualification identifiers (SQI) and additional skill identifiers (ASI)

*a.* See table 6-4 for a listing of SQIs that include the code, title, proponent, description, qualification and restriction criteria.

*b.* See table 6-5 for a listing of ASIs that include the code, title, proponent, description, qualification and restriction criteria.

#### 6-6. Classification responsibility

Classification of active duty warrant officers is a responsibility of the CG, PERSCOM except that classification of warrant officers of the AMEDD and the JAGC is the responsibility of TSG and TJAG, respectively.

#### 6-7. Award of MOS

*a.* MOSs authorized for classification of warrant officers are contained in chapter 8. The award of a MOS, the designation of a MOS as primary or additional, and the withdrawal of a MOS are subject to approval by HQDA. Commanders will submit recommendations for award, designation as primary or additional, or withdrawal of MOS, to include SQI or ASI to the appropriate DA career management authority. Concurrence of the training proponent is required.

*b.* On successful completion of an Army service school course listed in DA Pam 600-11 as MOS-producing training for an authorized warrant officer MOS, the school commandant (training proponent) will recommend award of the MOS to include SQI or ASI if applicable, to the individual and will submit a recommendation for change in designation of primary MOS (PMOS), if applicable, to the appropriate HQDA career management authority. A request for award of the MOS and recommendation for designation of primary or additional MOS also may be made by the commander of the unit of assignment based upon course completion.

*c.* When assignment is made and approved by the HQDA for on-the-job-training for eventual qualification in an authorized warrant officer MOS, the individual warrant officer must perform in such a position for a minimum of 6 months to merit consideration for award of the MOS. At the end of this time, or later as determined by the supervisor, the individual may be considered for award of the MOS through the procedure outlined above.

*d.* The career management authority, following concurrence by the training proponent, is authorized to award a MOS based on review of an individual's qualification records and evaluation

reports. A letter directing the award will be forwarded to the appropriate commander, indicating reasons for this action and citing this paragraph as authority.

#### 6-8. Designation of primary or additional MOS

The primary military occupational specialty (PMOS) will be designated by HQDA. If, for any reason, a PMOS has not been designated, the warrant officer will submit a request through channels to the appropriate HQDA career management authority for award and/or designation of PMOS. The immediate commander will include comments regarding the individual's qualifications. Coordination will be made by HQDA with the training proponent to determine final action. If, for any reason, a warrant officer does not have an awarded MOS, the individual will be classified in reporting code 001A0

## Section III

### Classification of Warrant Officers of the Army Reserve/ARNG not on Active Duty

#### 6-9. Procedures for classification

*a. Army Reserve.* When designating MOS, the qualification requirements described in section II, part II approval, this publication will apply. ARPERCOM is the sole authority for award of PMOS and/or additional military occupational specialty (AMOS) to all USAR Warrant officers.

(1) Initial certification occurs upon successful completion of the appropriate warrant officer basic course (WOBC) and/or proponent MOS technical certification.

(2) MOS designated under the provisions of chapter 8 will be reviewed annually. Changes or additions in MOS must be based on technical certification documentation furnished by the MOS proponent.

(3) Warrant officers who are transferred to the Ready Reserve from the Standby or Retired Reserve will be classified in an MOS descriptive of their most significant qualifications determined by the MOS proponent.

(4) Officers and warrant officers of the Army (other than Regular Army) and former officers and warrant officers with honorable and creditable service compatible with the MOS sought will be classified without the requirement to attend Warrant Officer Candidate School (WOCS).

*b. ARNG.* When designating an MOS, the qualification requirements described in chapter 8 and NGR 600-101 apply.

(1) Warrant officers of the ARNG are appointed by the states, territories, and the District of Columbia. These appointments may be Federally recognized by the Chief, National Guard Bureau. Warrant officers who are Federally recognized in a particular grade will be tendered appointment in the same grade as Reserve warrant officers of the Army for service as a member of the Army National Guard of the United States (ARNGUS). The effective date of Federal recognition is the same date the warrant officer is either appointed or promoted by the state, territory, or the District of Columbia.

(2) Initial classification occurs upon successful completion of the appropriate WOBC and/or MOS proponent technical certification.

(3) MOS designated under the provisions of this regulation and NGR 600-101 will be reviewed annually. Changes or additions in MOS must be based on technical certification documentation furnished by the MOS proponent.

(4) ARNG warrant officers who are transferred from the inactive National Guard will be classified in any MOS descriptive of their most significant qualifications determined by the MOS proponent.

(5) Officers and warrant officers of the Army (other than Regular Army) and former officers and warrant officers with honorable and creditable service compatible with the MOS will be classified without the requirement to attend WOCS and as prescribed by NGR 600-101.

## 6–10. Special qualification identifiers and additional skill identifiers

a. A complete list of SQIs and ASIs are provided in tables 6-4 and 6-5, respectively.

b. Special qualification identifiers and ASIs may be awarded and withdrawn based on the criteria in their respective tables.

## 6–11. Redesignation of MOS

a. Redesignation of MOS will be accomplished by the Commander, ARPERCOM. Requests for change of MOS will state the reasons for the change and will be forwarded through channels to the appropriate command. Each request will contain current MOS, MOS for which the request is submitted, reason for the request, and technical certification from the MOS proponent supporting the request.

b. Redesignation of MOS will be accomplished by authority of the State Adjutant General as prescribed by NGR 600-101. The process is initiated by or with the consent of the warrant officer. Technical certification from the MOS proponent or evidence of creditable prior service as a warrant officer in the requested MOS must be documented before to the redesignation.

## Section IV

### Appointment and Classification of Female Warrant Officers

## 6–12. Military occupational specialty codes (MOSCs) closed to females

a. The following MOS, SQI or ASI are closed to female warrant officers (see AR 611-1)—

- (1) 140B—FAAD Systems Technician.
- (2) 180A—Special Forces Warrant Officer.

b. SQIs closed to females—None.

c. ASIs closed to females—

- (1) 4W—Underwater Special Forces.
- (2) 4X—Military Free Fall Special Forces.
- (3) K4—Special Operations Aviation.
- (4) K5—MH-60K Pilot.
- (5) K6—MH-47E Pilot.

Note. ASI 4X may be awarded to females classified in MOS 921A, Airdrop Systems Technician.

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**Table 6–1**  
**Numerical List of Military Occupational Specialties**

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**Branch:** 13

**Title:** Field Artillery

**Personnel Proponent:** Field Artillery School  
131A Target Acquisition Radar Technician (TGT ACQ RADAR TECH)

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**Branch:** 14

**Title:** Air Defense Artillery

**Personnel Proponent:** Air Defense Artillery School  
140A Command & Control Systems Integrator (C2 SYS INTEGRATOR)  
\*140B SHORAD Systems Technician (SHORAD SYS TECH)  
140D HAWK System Technician (HAWK SYS TECH)  
140E PATRIOT System Technician (PATRIOT SYS TECH)

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**Branch:** 15

**Title:** Aviation

**Personnel Proponent:** Personnel Proponent: Aviation Center  
150A Air Traffic Control Technician (ATC TECH) (RC only)  
151A Aviation Maintenance Technician (AVN MAINT TECH)  
\*152B OH-58A/C Scout Pilot (OH-58A/C SCOUT PILOT)  
\*152C OH-6 Scout Pilot (OH-6 SCOUT PILOT)  
\*152D OH-58D Pilot (OH-58D PILOT)  
\*152F AH-64 Attack Pilot (AH-64 ATTACK PILOT)  
\*152G AH-1 Attack Pilot (AH-1 ATTACK PILOT)  
153A Rotary Wing Aviator (RW AV)  
153B UH-1 Pilot (UH-1 PILOT)  
153D UH-60 Pilot (UH-60 PILOT)  
154C CH-47D Pilot (CH-47D PILOT)  
155A Fixed Wing Aviator (FW AV)

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**Table 6–1**  
**Numerical List of Military Occupational Specialties—Continued**

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155D U-21 Pilot (U-21 PILOT)

155E C-12 Pilot (C-12 PILOT)

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**Branch:** 18

**Title:** Special Forces

**Personnel Proponent:** JFK Special Warfare Center and School  
\*180A Special Forces Warrant Officer (SPECIAL FORCES WO)

---

**Branch:** 21

**Title:** Corps of Engineers

**Personnel Proponent:** U.S. Army Engineer School  
210A Utilities Operations and Maintenance Technician (UTIL OP & MAINT TECH)  
215D Terrain Analysis Technician (TERRAIN ANAL TECH)

---

**Branch:** 25

**Title:** Signal Corps

**Personnel Proponent:** Signal Center and School  
250N Network Management Technician (NET MGNT TECH)  
251A Data Processing Technician (DP TECH)  
256A Signal Systems Maintenance Technician (SIG SYS MAINT TECH)

---

**Branch:** 31

**Title:** Military Police

**Personnel Proponent:** Military Police School  
311A CID Special Agent (CID SP AGENT)

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**Branch:** 35

**Title:** Military Intelligence

**Personnel Proponent:** Office Chief of Military Intelligence  
350B All Source Intelligence Technician (ALL SOURCE INTEL TECH)  
350D Imagery Intelligence Technician (IMAGERY INTEL TECH)  
350L Attache Technician (ATTACHE TECH)  
351B Counterintelligence Technician (CI TECH)  
351C Area Intelligence Technician (AREA INTEL TECH)  
351E Human Intelligence Collection Technician (HUMINT TECH)  
352C Traffic Analysis Technician (TFC ANAL TECH)  
352D Emitter Location/Identification Technician (EL/IDENT TECH)  
352G Voice Intercept Technician (VOICE INTCP TECH)  
352H Morse Intercept Technician (MORSE INTCP TECH)  
352J Emanations Analysis Technician (EMANS ANAL TECH)  
352K Non-Morse Intercept Technician (NON-MORSE INTCP TECH)  
353A IEW Systems Maintenance Technician (IEW SYS MAINT TECH)

---

**Branch:** 42

**Title:** Adjutant General's Corps

**Personnel Proponent:** Adjutant General School  
420A Military Personnel Technician (MIL PERS TECH)  
420C Bandmaster (BANDMASTER)

---

**Branch:** 55

**Title:** Judge Advocate General's Corps

**Personnel Proponent:** The Judge Advocate General  
550A Legal Administrator (LEGAL ADMINISTRATOR)

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**Branch:** 60

**Title:** Medical Corps

**Personnel Proponent:** Office of The Surgeon General  
600A Physician Assistant

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**Branch:** 67

**Title:** Medical Service Corps

**Personnel Proponent:** Office of The Surgeon General  
670A Health Services Maintenance Technician (HLTH SCVS MAINT TECH)

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**Branch:** 88

**Title:** Transportation Corps

**Personnel Proponent:** Office Chief of Transportation  
880A Marine Deck Officer (MARINE DECK OFF)  
881A Marine Engineering Officer (MARINE ENGR OFF)

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**Branch:** 91

**Title:** Ordnance

**Personnel Proponent:** Chief of Ordnance  
910A Land Combat Missile Systems Technician (LCMS TECH)  
913A Armament Repair Technician (ARMT REP TECH)  
914A Allied Trades Technician (ALLIED TRADES TECH)

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**Table 6-1**  
**Numerical List of Military Occupational Specialties—Continued**

915A Unit Maintenance Technician (Light) (UNIT MAINT TECH (LT))  
 915D Unit Maintenance Technician (Heavy) (UNIT MAINT TECH (HV))  
 915E Support/Staff Maintenance Technician (SPT/STF MAINT TECH)  
 916A High-to-Medium Altitude Air Defense (HIMAD)  
 917A Maneuver Forces Air Defense Systems (MFADS) Technician (MFADS TECH)  
 918A TDME Maintenance Support Technician (TDME MAINT SPT TECH)  
 918B Electronic Systems Maintenance Technician (ELEC SYS MAINT TECH)  
 919A Engineer Equipment Repair Technician (ENGR EQ REP TECH)

**Branch:** 92

**Title:** Quartermaster Corps

**Personnel Proponent:** Office of the Quartermaster General

920A Property Accounting Technician (PROP ACCT TECH)

920B Supply Systems Technician (SUP SYS TECH)

**Table 6-1**  
**Numerical List of Military Occupational Specialties—Continued**

921A Airdrop Systems Technician (ADRP SYS TECH)

922A Food Service Technician (FOOD SVC TECH)

*Note.* 1. Use the long and short titles shown in tables 6-1 and 6-4 when posting MOS titles to records.

2. For TOE/MTOE position titles, use the MOS titles listed in tables 6-2 and 6-3 titles listed in table 6-3. Tables 6-2 and 6-3 list additional titles authorized for use in TOE/MTOEs.

3. For documenting TDA positions, use of organizational titles is acceptable.

4. For MOS 311A, positions must be approved by the Cdr, USACIDC before authorization. See tables 8-311A-1 and 8-311A-2 for authorized positions/titles.

5. An asterisk (\*) indicates an MOS prohibited for classification of females.

6. 00--Reporting Codes (see chap 4); 001A Unqualified in Authorized Warrant Officer MOS; 002A Patient; 003A Student; and 004A Duties Unassigned or In Transit.

**Table 6-2**  
**Leadership titles (TOE/MTOE)**

Branch	MOS code	Position title
All	All	Commander Division Chief Platoon Leader Section Chief Section Leader Team Chief

**Table 6-3**  
**Additional authorized titles by MOS (TOE/MTOE)**

Branch	MOS code	Position title
15	151A	Avn Maint Tech Avn Logistics Tech ALSE Officer Acft Armt Maint Off
	152C	MH-6 Pilot (with ASI K4) AH-6 Pilot (with ASI K4)
	152D	OH-58D Scout Pilot (with ASI A3) OH-58D Warrior Pilot (with ASI A4)
	152F	AH-64 A/B Pilot (with ASI D5) AH-64 C/D Pilot (with ASI D7)
	153B	Aeromed Evac Pilot (with SQI D)
	153D	Aeromed Evac Pilot (with SQI D) EH-60 Pilot MH-60L Pilot (with ASI K4) MH-60K Pilot (with ASI K5)
	154C	MH-47D Pilot (with ASI K4) MH-47E Pilot (with ASI K6)
	155A	C-20 Pilot (with ASI E3) C-21 Pilot (with ASI E6) C-23 Pilot (with ASI E7) C-26 Pilot (with ASI E8) RC-12D/G/H Pilot (with ASI F3) RC-12K/N Pilot (with ASI F4) EO-5A/O-5B Pilot (with ASI F5)
	155D	RC-21 Pilot
	155E	RC-12D/G/H Pilot (with ASI F3) RC-12K/N Pilot (with ASI F4)

**Table 6-3  
Additional authorized titles by MOS (TOE/MTOE)—Continued**

Branch	MOS code	Position title
25	256A	Rdr Eq Rep Tech TAC CE Eq Tech
91	901A	Nuc Wpns Tech Insp NW Assy & Maint Tech Maint Mgmt Officer QA/QC Officer Shop Officer Sp Ammo Maint Tech TAV Tm Tech
92	920A	Log Tech
	922A	Food Advisor

**Table 6-4  
Special Qualification Identifiers**

Code	Title	Proponent
<b>0</b>	<b>No Special Qualifications</b>	<b>None</b>
	<p>a. <i>Description of positions.</i> Positions will take title of basic MOS. Used as fifth character of any MOS in recording the MOS when the position requires no special qualifications.</p> <p>b. <i>Qualifications.</i> Used as a fifth character in recording an individual's primary MOS or additional MOS when no special qualifications are involved. If the same MOS code is later supplemented by award of another SQI, both codes will be retained as awarded MOS, but only one may be designated as the primary MOS.</p> <p>c. <i>Restrictions.</i> None.</p>	
<b>1</b>	<b>Marine Deck Officer (Marine Deck Off)</b>	<b>USATCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions that require assignment of marine operations or maintenance personnel licensed per AR 56-9.</p> <p>b. <i>Qualifications.</i> Must be certified and issued the appropriate license by the U.S. Army Marine Safety Office, Ft Eustis, VA.</p> <p>c. <i>Restrictions.</i> For use with MOS 880A and 881A only.</p>	
<b>2</b>	<b>Marine Engineering Officer (Marine Engr Off)</b>	<b>USATCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions that require assignment of marine operations or maintenance personnel licensed per AR 56-9.</p> <p>b. <i>Qualifications.</i> Must be certified and issued the appropriate license by the U.S. Army Marine Safety Office, Ft Eustis, VA.</p> <p>c. <i>Restrictions.</i> For use with MOS 880A and 881A only.</p>	
<b>5</b>	<b>Power Systems Technician (Power Sys Tech)</b>	<b>USAES</b>
	<p>a. <i>Description of positions.</i> Identifies positions that require assignment of warrant officers qualified to supervise operations and maintenance of high voltage power stations and transmission systems.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Prime Power Production Specialist Course at the USA Facilities Engineering Support Agency, Ft Belvoir, VA.</p> <p>c. <i>Restrictions.</i> For use with MOS 210A only.</p>	
<b>7</b>	<b>Parachutist</b>	<b>USAIS</b>
	<p>a. <i>Description of positions.</i> Identifies positions that require assignment of warrant officers with a current parachutist rating. Positions will carry title of basic MOS.</p> <p>b. <i>Qualifications.</i> Must meet physical requirements for airborne per AR 40-501, and successfully complete airborne training per AR 614-110.</p> <p>c. <i>Restrictions.</i> For use with any MOS except 180A and 921A.</p>	
<b>8</b>	<b>Instructor (Instr)</b>	<b>TRADOC</b>
	<p>a. <i>Description of positions.</i> Identifies positions which require assignment of warrant officers qualified for full-time duty as instructors in military subjects at a service school or other training activity.</p> <p>b. <i>Qualifications.</i> Must successfully complete an Instructor Training Course and be recommended by the school commandant.</p>	

**Table 6-4  
Special Qualification Identifiers—Continued**

Code	Title	Proponent
	<p>c. <i>Restrictions.</i> For use with Branch 15 (Aviation) MOS 153A, 153D, AOC 155 and 156 only.</p>	
<b>B</b>	<b>Aviation Safety Officer (Avn Safety Off)</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> Identifies positions that require assignment of warrant officers qualified to manage aviation unit safety programs.</p> <p>b. <i>Qualifications.</i> Awarded to warrant officers who are graduates of the Aviation Warrant Officer Advanced Course (AWOAC) and:</p> <p>(1) Possess an aeronautical designation and have successfully completed the United States Army Safety Center's (USASC) Aviation Safety Officer (ASO) residence course; or</p> <p>(2) Possess an aeronautical designation and have successfully completed a combination of the U.S. Army Safety Center Accident Prevention and Naval Postgraduate School (NPGS) Aviation Safety Officer Courses.</p> <p>c. <i>Restrictions.</i> For use with aviator MOS only. This skill will not be awarded as the result of OJT.</p>	
<b>C</b>	<b>Instructor Pilot (Instr Pilot)</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> Identifies positions that require assignment of warrant officers qualified to instruct student and rated personnel in fundamentals of flying, analyze flight training maneuvers, and evaluate aviators per the Aircrew Training Manual (ATM) and AR 95-1.</p> <p>b. <i>Qualifications.</i> Must have obtained Pilot in Command (PIC) status in the aircraft for which instructor pilot qualification is being sought and:</p> <p>(1) Successfully complete the appropriate Instructor Pilot Course(s) at the U.S. Army Aviation School, Fort Rucker, AL, or</p> <p>(2) Successfully complete and Instructor Pilot equivalency evaluation administered by a Standardization Instructor Pilot selected by HQDA.</p> <p>c. <i>Restrictions.</i> For use with aviator MOS only.</p>	
<b>D</b>	<b>Aeromedical Evacuation Pilot (Aeromed Evac Pilot)</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> Identifies positions that require assignment of warrant officers qualified in the procedures and techniques of aeromedical evacuation.</p> <p>b. <i>Qualifications.</i> Must be aviator qualified in an aircraft used for medical evacuation and successfully complete the Army Medical Service Aviator Course, or have equivalent documented experience.</p> <p>c. <i>Restrictions.</i> For use with aviator MOS only.</p>	
<b>E</b>	<b>Aircraft Armament Maintenance Technician (Acft Armt Maint Tech)</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> Identifies positions that require assignment of warrant officers qualified to supervise maintenance and repair of aircraft armament systems.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Aircraft Armament Maintenance Technician Course at the U.S. Army Aviation Logistics School, Ft Eustis, VA.</p>	

**Table 6-4**  
**Special Qualification Identifiers—Continued**

Code	Title	Proponent
	c. <i>Restrictions.</i> For use with aviator MOS only.	
<b>F</b>	<b>Senior Instructor Pilot and Instrument Flight Examiner (Sr IP/IFE)</b>	<b>USAAVNC</b>
	a. <i>Description of positions.</i> Identifies positions that require any rated warrant officer aviator MOS qualification as an instruction pilot qualified to conduct written examinations and instrument flight training and evaluations of aviators per the Aircrew Training Manual and AR 95-1.	
	b. <i>Qualifications.</i> Must be a rated warrant officer aviator with 12 months experience as in instructor pilot (SQI C/ASI G2) and be a graduate of the Aviation Warrant Officer Advanced Course (AWOAC) and:	
	(1) Successfully complete the Instrument Flight Examiners Course; or	
	(2) Successfully complete a flight examiner equivalency evaluation administered by a senior IP/IFE or a Standardization Instructor Pilot selected by HQDA.	
	c. <i>Restrictions.</i> For use with Branch 15 (Aviation) only.	
<b>G</b>	<b>Aviation Maintenance Officer (Avn Maint Off)</b>	<b>USAAVNC</b>
	a. <i>Description of positions.</i> Identifies positions that require assignment of warrant officers qualified to supervise maintenance and repair of aircraft, and perform maintenance test pilot functions.	
	b. <i>Qualifications.</i> Must be a graduate of the Aviation Warrant officer Advanced Course (AWOAC), obtained Pilot in Command (PIC) status in the aircraft for which maintenance test pilot qualification is being sought, and must successfully complete the Maintenance Manager/Maintenance Test Pilot Course at the U.S. Army Aviation Center, Fort Rucker, AL.	
	c. <i>Restrictions.</i> For use with aviator MOS only.	
<b>H</b>	<b>Standardization Instructor Pilot (Stdzn Instr Pilot (SIP))</b>	<b>USAAVNC</b>
	a. <i>Description of positions.</i> Identifies positions that require assignment of senior warrant officers qualified to instruct and evaluate students, rated aircrew and instructor pilots on all technical and tactical aspects of flying and operations per the Aircrew Training Manual, AR 95-1 and AR 95-3, and manage, coordinate and supervise aircrew standardization and training programs.	
	b. <i>Qualifications.</i> Must be qualified as a Senior Instructor Pilot/Instrument Flight Examiner (SQI F), be a graduate of the Warrant Officer Staff Course (WOSC) or its MEL 4 equivalency, be designated by the commander and successfully complete a Standardization Instructor Pilot evaluation.	
	c. <i>Restrictions.</i> For use with Branch 15 (Aviation) AOC 152, 153, 154, and 155 only.	
<b>I</b>	<b>Tactical Operations Officer (Tac Ops Off)</b>	<b>USAAVNC</b>
	a. <i>Description of positions.</i> Identifies positions that require assignment of warrant officers qualified to plan, schedule, coordinate and brief tactical and nontactical flying missions; operate the aviation mission planning station; develop, plan, coordinate and brief electronic warfare operations; manage flying hour programs and ALSE programs.	
	b. <i>Qualifications.</i> Must be a graduate of the Aviation Warrant Officer Advanced Course (AWOAC) and have successfully completed the ASE/EW Course for award of ASI H3 and:	
	(1) Have successfully completed a U.S. Air Force Air Ground Operations School (AGOS) or	
	(2) Have 12 months experience performing tactical operations duties.	
	c. <i>Restrictions.</i> For use with Branch 15 (Aviation ) AOC 152, 153, 154, and 155 only.	
<b>J</b>	<b>Engineering Test Pilot (Eng Test Pilot)</b>	<b>USAAVNC</b>
	a. <i>Description of positions.</i> Identifies positions that require assignment of warrant officers qualified as engineering test pilots.	

**Table 6-4**  
**Special Qualification Identifiers—Continued**

Code	Title	Proponent
	b. <i>Qualifications.</i> Must be a graduate of Aviation Warrant Officer Advanced Course (AWOAC), successfully complete the U.S. Naval Test Pilot School (NTPS), Patuxent River, MD, and enter the Army Aviation Engineer Flight Test Program. Warrant officers awarded this SQI must maintain physical qualifications for flying duty and be rated in fixed and rotary wing aircraft.	
	c. <i>Restrictions.</i> For use with aviator MOS only.	
<b>K</b>	<b>Polygraph Examiner (Polygraph Exam)</b>	<b>USAMPS</b>
	a. <i>Description of positions.</i> Identifies positions that require assignment of warrant officers certified to conduct polygraph examinations per AR 195-6.	
	b. <i>Qualifications.</i> Must successfully complete the 14-week Polygraph Examiner Training Course at the DoD Polygraph Institute, Fort McClellan, AL, and for MOS 311A per AR 195-6.	
	c. <i>Restrictions.</i> For use with MOS 311A and 351B only.	
<b>L</b>	<b>Maintenance Test Flight Evaluator (MTFE)</b>	<b>USAAVNC</b>
	a. <i>Description of positions.</i> Identifies positions that require assignment of warrant officer aviators qualified to perform all SQI G duties and functions, and to instruct and evaluate maintenance test pilots in the fundamentals of maintenance test flights, analyze test flight maneuvers, and administer maintenance test flight evaluations.	
	b. <i>Qualifications.</i> Awarded to qualified maintenance test pilots holding SQI G who successfully complete the oral and flight examination conducted by a Directorate of Evaluation and Standardization (DOES) designated maintenance evaluator.	
	c. <i>Restrictions.</i> For use with Branch 15 (Aviation) AOC 152, 153, 154, and 155 in grades W4 and W5 only.	
<b>T</b>	<b>Transition</b>	<b>None</b>
	a. <i>Description of positions.</i> There are no positions identified with SQI T.	
	b. <i>Qualifications.</i> Awarded by HQDA Career Management Authority to warrant officers who begin either formal schooling or on-the-job training for qualification in the MOS to which SQI T is added. This includes crosstraining into an existing MOS and qualification training in an MOS designated to support acquisition of new weapons or equipment into the Army inventory. The MOS in which training is undertaken will be designated as the individual's PMOS and SQI T will be removed upon satisfactory completion of a utilization tour as determined by the Career Management Authority shown in chapter 10.	
	c. <i>Restrictions.</i> For identification of personnel only. For use with any MOS.	
<b>W</b>	<b>Technical Surveillance (TSCM Tech)</b>	<b>USAIC&amp;FH</b>
	a. <i>Description of positions.</i> Identifies positions that require assignment of warrant officers certified to supervise and conduct technical surveillance countermeasure operations.	
	b. <i>Qualifications.</i> Must successfully complete the TSCM course at Ft Devens, MA, and Ft Meade, MD; six to 18 months apprenticeship program; and the TSCM Certification Examination per AR 381-14.	
	c. <i>Restrictions.</i> For use with MOS 351B only.	
<b>Z</b>	<b>Research, Development, Test and Evaluation</b>	<b>AAESA</b>
	a. <i>Description of positions.</i> Identifies positions that require assignment of warrant officers qualified in design, development, test, or evaluation of military materiel, doctrine, methods, systems, or organizations.	
	b. <i>Qualifications.</i>	
	(1) <i>Branch 15 (Aviation).</i> Must successfully complete the Material Acquisition Management (MAM) Course at the U.S. Army Logistics Management College, Ft Lee, Va.	

**Table 6-4  
Special Qualification Identifiers—Continued**

Code	Title	Proponent
	(2) <i>All others.</i> Must successfully complete the Material Acquisition Management Course at the U.S. Army Logistics Management College, Ft Lee, VA or successfully complete six months in a RDTE qualifying assignment.	
	c. <i>Restrictions.</i> None.	

**Table 6-5  
Listing of ASIs  
(\* indicates ASI is prohibited for classification of females)**

Code	Title	Proponent
<b>3E</b>	<b>Satellite Communications System Repair Technician (Satl Comm Rep Tech)</b>	<b>Signal Center</b>
	a. <i>Description of positions.</i> For use with MOS 250N positions which require qualification in the repair of strategic satellite communications terminal equipment.	
	b. <i>Qualifications.</i> Awarded to warrant officers who have completed courses of instruction or training in the repair of strategic satellite communications terminal equipment conducted by the U.S. Army Signal School, as the result of contract training or equivalent civilian schooling.	
	c. <i>Restrictions.</i> For use with MOS 250N.	
<b>4W</b>	<b>Underwater Special Forces</b>	<b>USAJFKSWC</b>
	a. <i>Description of positions.</i> For use with MOS 180A or 921A and require qualification in military free fall special operations.	
	b. <i>Qualifications.</i> Awarded to warrant officer Special Operations Technicians (MOS 180A) who have successfully completed the Army Underwater Operations (SCUBA Assisted) Course conducted by the U.S. Army JFK Special Warfare Center.	
	c. <i>Restrictions.</i> For use with MOS 180A. This ASI is prohibited for classification of females.	
<b>4X</b>	<b>Military Free Fall Special Forces</b>	<b>USAJFKSWC</b>
	a. <i>Description of positions.</i> Positions are coded 180A or 921A and require qualification in military free fall special operations.	
	b. <i>Qualifications.</i> Must be classified in MOS 180A, Special Operations Technician or MOS 921A, Airdrop Systems Technician. Additionally, must successfully complete basic airborne training and the Military Free Fall Parachutist Course.	
	c. <i>Restrictions.</i> For use with MOS 180A. Also for use with MOS 921A if in a position at the U.S. Army Airborne Board. This ASI may be awarded to females if classified in MOS 921A.	
<b>6B</b>	<b>General Safety Technician (Gen Safety Tech) (For National Guard only)</b>	<b>USASC</b>
	a. <i>Description of positions.</i> For use with warrant officer MOS to identify those Army National Guard TDA positions which require assignment of warrant officers who are qualified General Safety.	
	b. <i>Qualifications.</i> Awarded to warrant officers who have successfully completed current certification requirements as per NGR 385-10.	
	c. <i>Restrictions.</i> For use with MOS 915A only.	
<b>6D</b>	<b>PATRIOT Direct Support/General Support Maintenance Technician (PATRIOT DS/GS Maint Tech)</b>	<b>USAOMMCS</b>
	a. <i>Description of positions.</i> For use with MOS 916A positions which require qualification in the direct support/general support maintenance of PATRIOT missile systems.	
	b. <i>Qualifications.</i> Awarded to MOS 916A, HIMAD DS/GS Maintenance Technician, who have successfully completed the PATRIOT DS/GS Maintenance Technician Course at the U.S. Army Ordnance Missile and Munitions Center and School (USAOMMCS) Training Detachment, Ft Bliss, TX or upon successful completion of the enlisted MOS 27X PATRIOT System Repairer Course with approval of the Commander, USAOMMCS.	
<b>6M</b>		
	a. <i>Description of positions.</i> Identifies positions in organizations from Office of Secretary of Defense (OSD) down to installation level involved in planning and executing mobilization and demobilization operations.	
	b. <i>Qualifications.</i> Must successfully complete the resident Mobilization and Deployment Planning Course (MDPC) at the Joint Strategic Deployment Training Center (JSDTC), U.S. Army Transportation School, Ft Eustis, VA.	
	c. <i>Restrictions.</i> None.	
<b>6P</b>	<b>Master Fitness Trainer</b>	<b>USAIS</b>
	a. <i>Description of positions.</i> No position classification is required.	
	b. <i>Qualifications.</i> Must successfully complete the Master Fitness Trainer Course (4 weeks for active Army) or (2 weeks for reserve components) conducted under the auspices of the U.S. Army Physical Fitness School, Ft Benning, Georgia. Formal training is mandatory.	
	c. <i>Restrictions.</i> None.	
<b>9A</b>	<b>Defense Sensor Interpretation and Application Training Program (DSIATP) Technician</b>	<b>Office Chief of Military Intelligence</b>
	(DSIATP Tech)	
	a. <i>Description of positions.</i> For use with MOS 350D to identify a requirement for a graduate of the DSIATP.	
	b. <i>Qualifications.</i> Awarded to warrant officers who successfully complete the Defense Sensor Interpretation and Application Training Program.	
	c. <i>Restrictions.</i> For use with MOS 350D.	
<b>9C</b>	<b>Tactical Exploitation of National Capabilities Operations Technician (TENCAP Op Tech)</b>	<b>Office Chief of Military Intelligence</b>
	a. <i>Description of positions.</i> For use with MOSs 350B, 350D, 352C, and 352J to identify systems operations positions that require knowledge, training, and experience in TENCAP systems and capabilities.	
	b. <i>Qualifications.</i> Must satisfy one of the following:	
	(1) Successfully complete the TENCAP Operations Course, USAICS, Ft Huachuca, AZ, and system-specific training at either USAICS, Ft Huachuca, AZ, or USAISD, Ft Devens, MA.	
	(2) For warrant officers involved in research, development, and acquisition activities requiring contractor training on future prototype equipment, be nominated by the Director, Army Space Program Office.	

**Table 6-5**  
**Listing of ASIs**  
**(\*) indicates ASI is prohibited for classification of females)—Continued**

Code	Title	Proponent
<b>9E</b>		
	<p>a. <i>Description of positions.</i> For use with MOS 311A to identify positions for warrant officers involved with USACIC, Senior Economic Crime Investigation Specialty Program (SECISP).</p> <p>b. <i>Qualifications.</i></p> <p>(1) Awarded to personnel in MOS 311A who have: Two years experience in ECISP duties, successfully completed the Advanced Fraud Investigation Course at the U.S. Army Military Police School and successfully complete two of the courses listed below, one from Group A and one from Group B:</p> <p>(a) Group A</p> <ol style="list-style-type: none"> <li>1. Depot Supply Operations Mgt</li> <li>2. Def Inventory Mgt</li> <li>3. Def Rendash;utilization and Marketing</li> <li>4. Def Re-utilization and Marketing Ops</li> <li>5. Army Maintenance Mgt</li> <li>6. Installation Logistics Mgt</li> <li>7. Ocean Tans &amp; Marine Terminal Mgt</li> </ol> <p>(b) Group B</p> <ol style="list-style-type: none"> <li>1. Contracting Fundamentals</li> <li>2. Intermediate Contracting</li> <li>3. Purchasing Fundamentals</li> <li>4. Intermediate Purchasing</li> <li>5. Govt Contract Law</li> </ol> <p>c. <i>Restrictions.</i> For use with MOS 311A.</p>	
<b>9N</b>	<b>Strategic Debriefer/Interrogator (Strat Debr/Intgr)</b>	<b>Office Chief of Military Intelligence</b>
	<p>a. <i>Description of positions.</i> For use with any MOSs 350B, 351B, 361C, and 351E to identify positions which require assignment of warrant officers trained in the strategic debriefing and interrogation of civilian defectors, refugees, travelers, and resettlers.</p> <p>b. <i>Qualifications.</i> Awarded to warrant officers who successfully complete the Strategic Debriefing and Interrogation Training Course (DSDIC), Ft Huachuca, AZ. Requests for award of this ASI, for individuals who have not attended the course but possess extensive experience, will be submitted by commanders to PERSCOM, (ATTN: TAPC-OPW) and will be considered on a case-by-case basis.</p> <p>c. <i>Restrictions.</i> For use with MOS 350B, 351B, 351C, and 351E only.</p>	
<b>A2</b>	<b>OH-58A/C Scout Pilot</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> For use with any WO aviator MOS to identify positions that require an aircraft qualification of OH-58D Scout aircraft.</p> <p>b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the OH-58D Scout aircraft per AR 95-1.</p> <p>c. <i>Restrictions.</i> For use with Branch 15 (Aviation) AOC 152 and MOS 153A, 153B, and 153D only.</p>	
<b>A3</b>	<b>OH-58D Scout Pilot</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> For use with any WO aviator MOS to identify positions that require an aircraft qualification of OH-58D Scout aircraft.</p> <p>b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the OH-58D Scout aircraft per AR 95-1.</p> <p>c. <i>Restrictions.</i> For use with MOS 153A.</p>	
<b>A4</b>	<b>OH-58D Warrior Pilot</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> For use with any WO aviator MOS to identify positions that require an aircraft qualification of OH-58D Warrior aircraft.</p> <p>b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in OH-58D Warrior aircraft per AR 95-1.</p> <p>c. <i>Restrictions.</i> For use with MOS 152D, 153A, and 153D only.</p>	
<b>B2</b>	<b>UH-60 Pilot</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> For use with any WO aviator MOS to identify positions that require an additional or alternate aircraft qualification of UH-60.</p> <p>b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the UH-60 aircraft per AR 95-1.</p> <p>c. <i>Restrictions.</i> For use with MOS 153A only.</p>	
<b>B5</b>	<b>EH-60 Pilot</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> For use with MOS 153D, UH-60 Pilot, to specify that an EH-60 aircraft qualification is the primary mission requirement. Additionally, for use with any WO aviator MOS to identify positions that require an additional or alternate aircraft qualification of EH-60.</p> <p>b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the EH-60 aircraft per AR 95-1.</p> <p>c. <i>Restrictions.</i> For use with MOS 153D only.</p>	
<b>C2</b>	<b>CH-47D Pilot</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> For use with any WO aviator MOS to identify positions that require an aircraft qualification of CH-47D.</p> <p>b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in CH-47D aircraft per AR 95-1.</p> <p>c. <i>Restrictions.</i> For use with MOS 153D only.</p>	
<b>D2</b>	<b>AH-1 Pilot.</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> For use with any WO aviator MOS to identify positions that require an additional or alternate aircraft qualification of AH-1.</p> <p>b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the AH-1 aircraft per AR 95-1.</p> <p>c. <i>Restrictions.</i> For use with MOS 153A only.</p>	
<b>D5</b>	<b>AH-64A/B Pilot.</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> For use with any WO aviator MOS to identify positions that require an aircraft qualification of AH-64A/B.</p> <p>b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the AH-64 A/B aircraft per AR 95-1.</p> <p>c. <i>Restrictions.</i> For use with MOS 153A only.</p>	
<b>D7</b>	<b>AH-64C/D Pilot</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> For use with any WO aviator MOS to identify positions that require an aircraft qualification of AH-64 C/D.</p>	

**Table 6-5**  
**Listing of ASIs**  
**(\*) indicates ASI is prohibited for classification of females)—Continued**

Code	Title	Proponent
	b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the AH-64 C/D aircraft per AR 95-1. c. <i>Restrictions.</i> For use with Branch 15 (Aviation) AOC 152 and MOS 153A and 153D only.	
<b>E3</b>	<b>C-20 Pilot</b> a. <i>Description of positions.</i> For use with MOS 155A, Fixed Wing Aviator, to specify that a C-20 aircraft qualification is the primary positions requirement. Additionally, for use with any WO aviator MOS to identify positions that require and additional or alternate aircraft qualification of C-20. b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the C-20 aircraft per AR 95-1. c. <i>Restrictions.</i> For use with Branch 15 (Aviation) AOC 152 and MOS 153A and 153D only.	<b>USAAVNC</b>
<b>E4</b>	<b>U-21 Pilot</b> a. <i>Description of positions.</i> For use with any WO aviator MOS to identify positions that require an additional or alternate aircraft qualification of U-21. b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the U-21 aircraft per AR 95-1. c. <i>Restrictions.</i> For use MOS 155A only.	<b>USAAVNC</b>
<b>E5</b>	<b>C-12 Pilot</b> a. <i>Description of positions.</i> For use with any WO aviator MOS to identify positions that require an additional or alternate aircraft qualification of C-12. b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the C-12 aircraft per AR 95-1. c. <i>Restrictions.</i> For use with MOS 155A only.	<b>USAAVNC</b>
<b>E6</b>	<b>C-21 Pilot</b> a. <i>Description of positions.</i> For use with MOS 155A, Fixed Wing Aviator, to specify that a C-21 aircraft qualification is the primary position requirement. Additionally, for use with any WO aviator MOS to identify positions that require and additional or alternate aircraft qualification of C-21. b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the C-21 aircraft per AR 95-1. c. <i>Restrictions.</i> For use with Branch 15 (Aviation) AOC 155 only.	<b>USAAVNC</b>
<b>E7</b>	<b>C-23 Pilot</b> a. <i>Description of positions.</i> For use with MOS 155A, Fixed Wing Aviator, to specify that a C-23 aircraft qualification is the primary position requirement. Additionally, for use with any WO aviator MOS to identify positions that require and additional or alternate aircraft qualification of C-23. b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the C-23 aircraft per AR 95-1. c. <i>Restrictions.</i> For use with Branch 15 (Aviation) AOC 155 only.	<b>USAAVNC</b>
<b>E8</b>	<b>C-26 Pilot</b> a. <i>Description of positions.</i> For use with MOS 155A, Fixed Wing Aviator, to specify that a C-26 aircraft qualification is the primary position requirement. Additionally, for use with any WO aviator MOS to identify positions that require and additional or alternate aircraft qualification of C-26. b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the C-26 aircraft per AR 95-1. c. <i>Restrictions.</i> For use with Branch 15 (Aviation) AOC 155 only.	<b>USAAVNC</b>
<b>F2</b>	<b>RU-21 Pilot</b> a. <i>Description of positions.</i> For use with MOS 155D, U-21 Pilot, to specify that an RU-21 aircraft qualification is the primary position requirement. Additionally, for use with any WO aviator MOS to identify positions that require an additional or alternate aircraft qualification of RU-21. b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the RU-21 aircraft per AR 95-1. c. <i>Restrictions.</i> For use with MOS 155A only.	<b>USAAVNC</b>
<b>F3</b>	<b>RC-12D/G/H Pilot</b> a. <i>Description of positions.</i> For use with MOS 155E, C-12 Pilot, to specify that an RC-12D/G/H aircraft qualification is the primary position requirement. Additionally, for use with any WO aviator MOS to identify positions that require an additional or alternate aircraft qualification of RC-12D/G/H. b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the RC-12D/G/H aircraft per AR 95-1. c. <i>Restrictions.</i> For use with MOS 155A and 155E only.	<b>USAAVNC</b>
<b>F4</b>	<b>RC-12K/N Pilot (Guardrail Common Sensor)</b> a. <i>Description of positions.</i> Identifies positions requiring an aviation warrant officer qualified in the RC-12K/N Guardrail Common Sensor aircraft. b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the RC-12K/N aircraft per AR 95-1. c. <i>Restrictions.</i> For use with MOS 155A and 155E only.	<b>USAAVNC</b>
<b>F5</b>	<b>O-5A/EO-5B Pilot</b> a. <i>Description of positions.</i> For use with MOS 155A, Fixed Wing Aviator, to specify that an O-5A/EO-5B aircraft qualification is the primary position requirement. Additionally, for use with any WO aviator MOS to identify positions that require an additional or alternate aircraft qualification of Identifies positions requiring an O-5A/EO-5B. b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete qualification in the O-5A/EO-5B aircraft per AR 95-1. c. <i>Restrictions.</i> For use with Branch 15 (Aviation) AOC 155 only.	<b>USAAVNC</b>
<b>G2</b>	<b>Instructor Pilot (Instr Pilot)</b> a. <i>Description of positions.</i> For use with any WO aviator MOS to identify positions that require assignment of warrant officers qualified to instruct student and rated personnel in fundamentals of flying, analyze flight training maneuvers, and check aviators in new equipment and aircraft. b. <i>Qualifications.</i> Must have obtained Pilot in Command (PIC) status in the aircraft for which instructor pilot qualification is being sought and: (1) Successfully complete the appropriate Instructor Pilot Course(s) at the U.S. Army Aviation School, Ft Rucker, AL; or (2) Successfully complete and Instructor Pilot equivalency evaluation administered by a Standardization Instructor Pilot selected by HQDA. c. <i>Restrictions.</i> For use with Branch 15 (Aviation) only. ASI G2 will only be used when SQI "C" cannot be used.	<b>USAAVNC</b>
<b>G6</b>	<b>Aviation Maintenance Officer (Avn Maint Off)</b> a. <i>Description of positions.</i> For use with any WO aviator MOS to identify positions that require assignment of warrant officers qualified to supervise maintenance and repair of aircraft, and perform maintenance test pilot functions.	<b>USAAVNC</b>

**Table 6-5**  
**Listing of ASIs**  
**(\*) indicates ASI is prohibited for classification of females)—Continued**

Code	Title	Proponent
	<p>b. <i>Qualifications.</i> Must be a graduate of the Aviation Warrant Officer Advanced Course (AWOAC), obtained Pilot in Command (PIC) status in the aircraft for which maintenance test pilot qualification is being sought, and must successfully complete the Maintenance Manager/Maintenance Test Pilot Course at the U.S. Army Aviation School, Ft Rucker, AL.</p> <p>c. <i>Restrictions.</i> For use with Branch 15 (Aviation) only. ASI G6 will only be used when SQI "G" cannot be used.</p>	
<b>G7</b>	<b>Aviation Related</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring personnel who possess an aeronautical designation. The performance of aerial flight to maintain basic flying skills is not an essential part of the incumbents duties.</p> <p>b. <i>Qualifications.</i> Individuals must be qualified with an aeronautical designation per AR 95-1.</p> <p>c. <i>Restrictions.</i></p> <p>(1) <i>Positions.</i> For use with Branch 15 (Aviation) AOC 152, 153, 154, and 155 TDA positions coded CW4 or CW5 designated by the installation commander or MTOE positions coded CW4 or CW5 in Corps and Echelons Above Corps (EAC) designated by the MACOM.</p> <p>(2) <i>Personnel.</i> The ASI is awarded to Branch 15 (Aviation) CW4 or CW5 aviators in AOC 152, 153, 154, and 155 who are medically disqualified from aviation service and who have been selected by Hq, PERSCOM, ARPERCEN or NGB to occupy designated positions that do not require maintenance of annual flying requirements.</p>	
<b>H1</b>	<b>Aircraft Armament Maintenance Officer (Acft Armt Maint Off)</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> For use with any WO aviator MOS to identify positions that require assignment of warrant officers qualified to supervise maintenance and repair of aircraft armament systems.</p> <p>b. <i>Qualifications.</i> Awarded to aviation warrant officers who successfully complete the Aircraft Armament Maintenance Technician Course at the U.S. Army Aviation Logistics School, Ft Eustis, VA.</p> <p>c. <i>Restrictions.</i> For use with Branch 15 (Aviation) AOC 152 and MOS 153A, 153D, and 154C only. ASI H1 will only be used when SQI E cannot be used.</p>	
<b>H2</b>	<b>Aviation Life Support Equipment Officer (ALSE Off)</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> For use with any WO aviation MOS to identify positions which require qualification in the inspection and maintenance of aviation life support equipment.</p> <p>b. <i>Qualifications.</i> Awarded to warrant officer aviators who successfully complete the Aviation Life Support Equipment Technician Course at Ft Eustis, VA, or who complete another military service's training.</p> <p>c. <i>Restrictions.</i> For use with Branch 15 (Aviation) only (except MOS 152A, 153A, and 155A).</p>	
<b>H3</b>	<b>Aircrew Survivability Equipment and Electronic Warfare Officer (ASE/EW Off)</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i></p> <p>(1) <i>TOE/MTOE.</i> Used to identify one grade WO (SW for Special Operations Aviation) aviator position per company/troop/detachment associated with the most advanced aircraft in the unit requiring qualification as an ASE/EW officer.</p> <p>(2) <i>TDA.</i> Used to identify warrant officer aviator positions in TRADOC and AMC associated with aircrew survivability and electronic warfare equipment training, research, development, testing, and evaluation.</p> <p>b. <i>Qualifications.</i> Awarded to rated warrant officer aviators who successfully complete ASE/EW training through the Mobile Training Team (MTT) or resident training course conducted at the U.S. Army Aviation School.</p> <p>c. <i>Restrictions.</i> For use with Branch 15 (Aviation) AOC 152, 153, 154, and 155 only.</p>	
<b>H4</b>	<b>Aeromedical Evacuation Pilot</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> Used with any WO aviator MOS to identify positions that require assignment of warrant officers qualified in the procedures and techniques of aeromedical qualified evacuation.</p> <p>b. <i>Qualifications.</i> Awarded to warrant officer aviators who qualify in an aircraft used for medical evacuation and who successfully complete the Army Medical Service Aviator Course, or have equivalent documented experience.</p> <p>c. <i>Restrictions.</i> For use with Branch 15 (Aviation) AOC 153 only. ASI H4 will only be used when SQI "D" cannot be used.</p>	
<b>*K4</b>	<b>Special Operations Aviation (SOA)(SOA)</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring aviator personnel qualified in SOA mission and specially modified aircraft.</p> <p>b. <i>Qualifications.</i> Individual must have must have been accepted by an Army Special Operations Aviation (ARSOA) unit, completed ARSOA training and successfully completed 1 year of duty in an ARSOA assignment. Individual must be recommended by an ARSOA commander in the warrant officer's chain of command. The commander's recommendation for award of ASI K4 will be forwarded to Commander, U.S. Army Special Operations Command (USASOC), Deputy Chief of Staff for Special Operations Aviation (DCSSOA), ATTN: AOA-PER, Ft Bragg, NC 28307-5200, for approval/disapproval. Approved requests will be forwarded to Commander, PERSCOM, ATTN: TAPC-OPZ-SM, 200 Stovall Street, Alexandria, VA 22332-006 for the award of ASI K4. ASI K4 may be revoked if the local commander determines the warrant officer to be unqualified for ARSOA operations because of indefinite suspension of flying status (AR 600-105) or failure to maintain the appropriate security clearances. Documents supporting the withdrawal of ASI K4 will be forwarded to USASOC DCSSOA for final determination.</p> <p>c. <i>Restrictions.</i> Females are restricted from being awarded this ASI. For use with aviation MOS 152C, 153A, 153D, and 154C only. Warrant officers who have not been awarded this ASI are not precluded from being assigned to ASI K4 positions. Positions coded with ASI K4 will not be double slotted to qualify replacement.</p>	
<b>*K5</b>	<b>MH-60K Pilot</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring a pilot qualified in the MH-60K aircraft.</p> <p>b. <i>Qualifications.</i> Individual must have successfully complete qualification and certification training in the MH-60K aircraft, be accepted by and Army Special Operations Aviation (ARSOA) unit, completed ARSOA training and successfully completed 1 year of duty in an ARSOA assignment. Individual must be recommended by an ARSOA commander in the warrant officer's chain of command. The commander's recommendation for award of ASI K5 will be forwarded to Commander, U.S. Army Special Operations Command (USASOC), Deputy Chief of Staff for Special Operations Aviation (DCSSOA), ATTN: AOA-PER, Ft Bragg, NC 28307-5200, for approval/disapproval. Approved requests will be forwarded to Commander, PERSCOM, ATTN: TAPC-OPZ-SM, 200 Stovall Street, Alexandria, VA 22332-006 for the award of ASI K5. ASI K5 may be revoked if the local commander determines the warrant officer to be unqualified for ARSOA operations because of indefinite suspension of flying status (AR 600-105) or failure to maintain the appropriate security clearances. Documents supporting the withdrawal of ASI K5 will be forwarded to USASOC DCSSOA for final determination.</p>	

**Table 6-5**  
**Listing of ASIs**  
 ((\* indicates ASI is prohibited for classification of females)—Continued

Code	Title	Proponent
	c. <i>Restrictions.</i> Females are restricted from being awarded this ASI. For use with MOS 153A and 153D only. Warrant officers who have not been awarded this ASI are not precluded from being assigned to ASI K5 positions. Positions coded with ASI K5 will not be double slotted to qualify re-placements.	
<b>*K6</b>	<b>MH-47E Pilot</b>	<b>USAAVNC</b>
	a. <i>Description of positions.</i> Identifies positions requiring a pilot qualified in the MH-47E aircraft.	
	b. <i>Restrictions.</i> Individual must have successfully complete qualification and certification training in the MH-47E aircraft, be accepted by and Army Special Operations Aviation (ARSOA) unit, completed ARSOA training and successfully completed 1 year of duty in an ARSOA assignment. Individual must be recommended by an ARSOA commander in the warrant officer's chain of command. The commander's recommendation for award of ASI K5 will be forwarded to Commander, U.S. Army Special Operations Command (USASOC), Deputy Chief of Staff for Special Operations Aviation (DCSSOA), ATTN: AOA-PER, Ft Bragg, NC 28307-5200, for approval/disapproval. Approved requests will be forwarded to Commander, PERSCOM, ATTN: TAPC-OPZ-SM, 200 Stovall Street, Alexandria, VA 22332-006 for the award of ASI K6. ASI K6 may be revoked if the local commander determines the warrant officer to be unqualified for ARSOA operations because of indefinite suspension of flying status (AR 600-105) or failure to maintain the appropriate security clearances. Documents supporting the withdrawal of ASI K6 will be forwarded to USASOC DCSSOA for final determination.	
	b. <i>Qualifications.</i> Females are restricted from being awarded this ASI. For use with Branch 15 (Aviation) MOS 153A and 154C only.	

## Chapter 7 Reporting Codes

### 7-1. Personnel and strength reporting codes

The following reporting codes will be used in personnel and strength accounting documents to reflect the warrant officer's status when primary or duty MOS are inappropriate.

a. *Reporting code 001A, Unqualified in Authorized Warrant Officer MOS.* Used in place of a PMOS to report warrant officers who cannot be classified appropriately in any MOS contained in this publication. Warrant officers classified in this reporting code will be considered surplus until they qualify for classification in an authorized warrant officer MOS or are discharged from the Active Army, or USAR.

b. *Reporting code 002A, Patient.* Used in place of a duty MOS to report current duty status of warrant officers who have been relieved from duty because of illness, mental or physical incapacitation, or are in hospitalized or nonhospitalized convalescent status. This code will be used to report warrant officers being retained on Active duty pending discharge or retirement for medical reasons when the circumstances prevent employment in a productive status.

c. *Reporting code 003A, Student.* Used in place of a duty MOS to report current duty status of a warrant officer who is pursuing a course of instruction at an Army service school or civilian institution or other organized training facility of comparable type, on a full-time basis.

d. *Reporting code 004A, Duties unassigned or in transit.* Used in place of a duty MOS to report absence of present duty assignment for a warrant officer who has been given a specific principal duty whether assigned or attached to a unit, or enroute to join a unit.

### 7-2. Award in place of MOS

Except the classification of warrant officers in reporting code 001A pending qualification in PMOS, reporting codes will not be used in either personnel or position classification.

## Chapter 8 Qualifications for and duties of specific military occupations

### 8-1. Specifications for warrant officer military occupational codes

This chapter contains specifications for each of the occupational codes developed and approved for warrant officer classification. These specifications are to be used by classification officials, personnel managers, manpower managers, individual warrant officers,

potential applicants for appointment, and their commanders, to determine in broad terms, the knowledge, skills, and duties normally associated with each warrant officer occupation.

### 8-2. Performance standards

Each duty position is unique and each supervisor established performance standards which must be considered and met by individual warrant officers. Further, there is no intent to imply that each position which has been established and classified in a warrant officer MOS must contain all of the duties included in the following specifications. No attempt has been made in this regulation to include ever skill requirement or duty performed within these occupations.

### 8-3. Branch/MOS immaterial 011A

Table 8-011A-2 has been established to identify warrant officer positions where the job description does not correlate directly with specific branch or MOS as described in this regulation. Branch/MOS immaterial applies to those positions within the Army where duties require a broad spectrum of knowledge of the organization and functions of the Warrant Officer Corps, but are not associated directly with any specific branch or MOS. (An example: positions with this level of specificity would be the Chief, Leader Development Branch, WO Division, PERSCOM.)

### 8-4. Branch 13—Field Artillery

(Proponent: Field Artillery School) Encompasses positions which provide fires to maneuver elements through the tactical and operational employment of field artillery systems. Commands, directs, and controls field artillery units at all levels. Directs technical fire control and firing operations using both manual and computer techniques. Coordinates the collective employment of joint and combined fire support assets to include non lethal systems in support of the combined arms commander. Participates in the planning and development of doctrine, organization, training, material, leadership and soldier initiatives to support the field artillery's role in combined arms operations.

### 8-5. Area of Concentration 131—Target Acquisition

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty provides the Army with the necessary technical and tactical expertise to operate, maintain, and repair the Army's field artillery target acquisition radars and to perform as a targeting officer, counterfire officer, and a field artillery intelligence officer (FAIO).

### 8-6. Military Occupational Specialty 131A—Field Artillery Targeting Technician

- a. *Licensing/certification requirement.* None.
- b. *Prerequisites.* DA Cir 601 series.

*c. MOS 131A.* MOS 131A is an accession MOS. Enlisted feeder MOS are any CMF 13 MOS.

*d. Associated SQI.*

- (1) 0—No special qualifications.
- (2) 7—Parachutist.
- (3) 8—Instructor.
- (4) T—Transition (personnel only).
- (5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

- (1) 6M—Mobilization and Demobilization Operations.
- (2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—  
(a) Complete the Target Acquisition Warrant Officer Basic Course.

(b) Meet physical standards per AR 40-501, chapter 2.

(c) Have 20/40 correctable vision per AR 40-501, paragraphs 2-13 and 5-17 and meet hearing standards of AR 40-501, paragraphs 2-7 and 5-18.

(d) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(2) CW3 must—

(a) Meet qualifications listed in paragraph f(1).

(b) Complete both phases of the Target Acquisition Warrant Officer Advanced Course for CW2(P) or CW3.

(c) Possess a security clearance of TOP SECRET with eligibility for access to sensitive compartmented information (SCI).

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC) for CW3(P) or CW4.

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2. As a Target Acquisition Radar Technician and/or Targeting officer:

(a) Plans, organizes, implements, monitors, and evaluates operations, threat environment, unit maintenance, and intermediate level support maintenance of field artillery radar systems.

(b) Provides advice on technical and tactical employment of field artillery radar systems.

(c) Supervises maintenance of field artillery radar system equipment and components.

(d) Interprets and implements changes in technical data concerning inspection, repair, and test procedures.

(e) Instructs personnel on radar operations, tactical employment, and repair procedures.

(f) Performs reconnaissance and selection of site for emplacement of the radar.

(g) Assists the S2 and the brigade FSO by performing target value analysis duties.

(h) Assists in formulating attack guidance used in the brigade and Direct Support (DS) battalion Command Post (CP) and recommend changes to attack guidance.

(i) Advise the brigade S2 regarding specific requirements for target location accuracy and the duration that targets may be considered viable for attack.

(j) Assists in producing target selection standards for the brigade.  
(k) Serve as assistant counterfire officer.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Evaluates the technical and tactical operations of field artillery radar sections.

(c) Recommends target purging criteria to the S3 at Field Artillery Brigade and Division Artillery level.

(d) Monitors the processing of target requests and reviews target damage assessment at Field Artillery Brigade and Division Artillery level.

(e) Recommends the employment and directs the operation of available TA assets at FA brigade and division artillery level.

(f) Monitors the development of the enemy artillery order of battle (OB) and the processing of target information and intelligence generated by the OB section at Field Artillery Brigade and Division Artillery level.

(g) Assist in production and application of target selection standards at Field Artillery Brigade or Division Artillery level.

(h) Requests targeting information from military intelligence and higher sources and evaluates information obtained through the IPB process at Field Artillery Brigade or Division Artillery level.

(i) Select and expedite critical target information to the fire support systems.

(j) Plans, organizes, implements, and monitors the operation of the schools radar maintenance section.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Supervises the Targeting Element of the Division Artillery Tactical Operations Center.

(c) Recommends target purging criteria to the G3 at Division and Corps Artillery level.

(d) Monitors the processing of target requests and reviews target damage assessment at Division and Corps Artillery level.

(e) Recommends the employment and directs the operation of available Theater Army (TA) assets at Division and Corps Artillery level.

(f) Monitors the development of the enemy artillery OB and the processing of target information and intelligence generated by the OB section at Division and Corps Artillery level.

(g) Assists in production and application of target selection standards at Division and Corps Artillery level.

(h) Requests targeting information from military intelligence and higher sources and evaluates information obtained through the IPB process at Division and Corps Artillery level.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Advises the Corps Artillery Command on all matters pertaining to targeting and employment of all target acquisition assets.

(c) Performs all targeting duties as described in (3) above at a level appropriate and necessary for the most senior targeting warrant in the Corps.

(d) Advises the Commandant and Assistant Commandant at the Field Artillery School on all matters pertaining to targeting, field artillery radar systems, and worldwide field artillery warrant officer personnel status.

(e) Monitors threat situation, keeps deputy FSCOORD informed, and recommends changes to priorities and attack means at Corps level.

(f) Coordinates between the CTCSE and the Tactical Control and Analysis Element (TCAE) to ensure potential targets are recognized and passed expeditiously to the fire support cell.

(g) Provides detailed information regarding accuracy requirements and how old information can be before it is no longer of use to the fire support system.

(h) Ensures attack managers understand how important identification of the target is and when such identification is critical to the targeting effort.

(i) Analyzes and recommends changes to commanders targeting and attack guidance and coordinates target acquisition assets for the Corps.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels. W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-131A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-131A-2.* Standards of grade TDA.

## **8-7. Branch 14—Air Defense Artillery**

(Proponent: Air Defense Artillery School) Air Defense Artillery is a combat arms branch of the Army, providing air and missile defenses

for theater CINCs, and coverage for the combined arms commander throughout the continuum of airland operations. Air Defense Artillery ensures the force decisive victory with minimum casualties by allowing freedom of maneuver and force protection. It also protects command and control centers that manage the battle, enabling our forces to sustain the war by protecting logistical centers and other vital theater geopolitical and military assets by destroying enemy aircraft, cruise, and tactical ballistic missiles. Air Defense Artillery units maintain a high state of readiness for immediate worldwide deployment. In peacetime, Air Defense Artillery warrant officers constantly train for their wartime mission. Additionally, they are assigned to varied positions to include combat development, joint staff, and training activities. The technological expertise of the Air Defense Artillery warrant officer must be extensive enough to cover five highly specialized weapon systems (HAWK, PATRIOT, AN/TSQ-73, CHAPARRAL, and VULCAN). Air Defense Artillery warrant officers are authorized in active and reserve component units.

### **8-8. Areas of Concentration 140—Missile/Air Defense Systems**

Air Defense Artillery is divided in two distinct air defense weapon categories, High/Medium Air Defense (HIMAD) and Forward Area Air Defense Systems (FAADS). Air Defense Artillery warrant officers military occupational specialties (MOS) are as follows:

- a. Command and Control Systems Integrator MOS 140A.
- b. Forward Area Air Defense Systems Technician (FAADS) 140B.
- c. HAWK Systems Technician (HIMAD) MOS 140D.
- d. PATRIOT Systems Technician (HIMAD) MOS 140E.

### **8-9. Military Occupational Specialty 140A—Command and Control Systems Integrator**

a. *Licensing/certification requirement.* None.  
b. *Prerequisites.* DA Cir 601 series.  
c. *MOS 140A.* MOS 140A is an accession MOS. The enlisted feeder MOSs are 14J and 25L MOSs only.

- d. *Associated SQI.*
- (1) 0—No special qualifications.
  - (2) 7—Parachutist.
  - (3) 8—Instructor.
  - (4) T—Transition (personnel only).
  - (5) Z—Research, Development, Test, and Evaluation Technician.

e. *Associated ASI.*

- (1) 6M—Mobilization and Demobilization Operations.
- (2) 6P—Master Fitness Trainer.

f. *Qualifications.*

- (1) WO1/CW2 must—  
(a) Complete the Air Defense Command and Control Warrant Officer Basic Course.

(b) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(c) Have normal vision correctable to 20/20; normal color discrimination; full use of both hands; and have normal hearing per AR 40-501.

(d) Have a physical profile that allows assignment to remote locations.

(2) CW3 must—  
(a) Meet qualifications described in paragraph f(1).  
(b) Complete both phases of the Warrant Officer Advanced Course for CW2 (P) or CW3.

(3) CW4 must—  
(a) Meet qualifications in paragraph f(2).  
(b) Complete the Warrant Officer Staff Course (WOSC) for CW3(P) or CW4.

(4) CW5 must—  
(a) Meet qualifications described in paragraph f(3).  
(b) Complete the WOSSC.

g. *Duties.*

- (1) WO1/CW2—  
(a) Technical advisor to the commander on systems employment

options and communication link architecture for Army Air Defense Command and Control Systems.

(b) Analyze and interprets technical data employment in the communications network between Army, Marine, Navy and Air Force Joint Tactical Air Operations (JATO).

(c) Advises personnel on systems capability and configuration options that are assigned to Command and Control Centers, and when necessary, serves as Tactical Director.

(d) Serves as the primary trainer for all assigned personnel and is charged with coordinating efforts necessary to emplace assets and adapt software which best supports Army Air Defense C2I fighting tactics, using the guidelines of Mission, Enemy, Troops, Terrain, and Time (METT-T).

(e) Advises the commander on available options for task force organization and assets on-hand for reconstitution.

(f) Serves as data link manager, providing link prioritization and standard operation procedures for all link initialization parameters.

(g) Coordinates the activities of support personnel and manages equipment and site assets for the installation, repair (by using BTT/BITE removal and replacement procedures) and integration of the Army Air Defense C2 system ancillary equipment and tools.

(h) Advise, assist and train personnel on specialized test procedures, tools and technical manuals in order to identify, isolate and repair equipment failures and communication outages.

(i) Establishes repair priorities based on fight of fix criteria, reconstitution and availability, or required assets.

(j) Assist in the development of unit Field Standard Operating Procedures (FSOP), Tactical Standard Operating Procedures (TSOP), and internal operating procedures.

(2) CW3—

(a) Perform duties as described in paragraph g(1).

(b) Serves as an instructor, writer, training developer and evaluator for MOS related service schools.

(3) CW4—

(a) Perform duties described in paragraph g(2).

(b) Advises the commander at Brigade and Corps levels on C2 systems capabilities and integration procedures providing the multi-system interface into the joint area.

(c) Provides integration and tactical guidance on Army C2 Air Defense elements while serving as a liaison officer to elements above corps level.

(4) 4CW5—

(a) Perform duties described in paragraph g(3).

(b) Provides leadership, guidance, integration, tactical input and direction to subordinate elements, staff agencies, and field commanders through Theater Army level.

(c) Interfaces with senior level commanders from all services and gives input for the integration and tactical deployment procedures of the Army's C2 systems.

(d) Interfaces with senior weapons procurement officials for future modifications to the Army's C2 system.

h. Grading and position titles. Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-140A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-140A-2.* Standards of grade TDA.

### **8-10. Military Occupational Specialty 140B—FAAD Systems Technician (Reserve Component only) (Closed to women—see paragraph 6-12)**

a. *Licensing/certification requirement.*

b. *Prerequisites.* DA Cir 601 series.

c. *MOS 140B.*

d. *Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the FAAD Systems Warrant Officer Basic Course.

(b) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(c) Have normal vision correctable to 20/20; full use of both hands; have normal hearing per AR 40-501.

(d) Have a physical profile to allow assignment to remote locations.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete both phases of the Warrant Advanced Course for CW2 (P) or CW3.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC) for CW3(P) or CW4.

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the WOSSC.

*g. Duties.*

(1) WO1/CW2—

(a) Coordinate the activities of maintenance personnel equipment, and site assets for the installation, repair, maintenance, and modification of the Army Air Defense Artillery FAAD Systems, ancillary equipment, and tools.

(b) Plan, organize, implement, monitor, and evaluate operations and unit maintenance, of the FAAD weapon system.

(c) Advise the commander on march order and emplacement of the FAAD system.

(d) Develop and implement maintenance standard operating procedure (SOP).

(e) Evaluate the effectiveness of maintenance programs and operator training.

(f) Advise and instruct maintenance personnel on adjustments, repair operations, and isolation procedures.

(g) Monitor and coordinate installation of modifications on the FAAD system.

(h) Advise commander on FAAD system capabilities and limitations.

(i) Implement proper safety and security procedures applicable to the maintenance support of the FAAD system.

(j) Oversee The Army Maintenance Management System (TAMMS).

(k) Supervise maintenance of unit Prescribed Load List (PLL).

(2) CW3—

(a) Performs duties as described in paragraph g(1).

(b) Provide technical guidance and direction to subordinate elements.

(c) Advise the commander or staff officers on the FAAD system capabilities and limitations.

(d) Evaluates, trains and validates unit readiness for the commander.

(3) CW4—

(a) Perform duties as described in paragraph g(2).

(b) Perform in contract management and budgeting.

(c) Serve as Project Manager on New/Improved FAAD weapon system fielding.

(d) Provide leadership, guidance, technical input, and direction to subordinate elements, staff agencies, and field commanders up to and including theater level.

(4) CW5—

(a) Perform duties described in paragraph g(3).

(b) Develop, review and update the life cycle management of ADA warrant officers.

(c) Advise the Commandant and Assistant Commandant at the

Army Air Defense School Artillery on all matters pertaining to ADA warrant officers.

*h. Grading and position titles.* Authorized position titles are provided in appendixes B and C. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-140B-1.* Standards of grade TOE/MTOE.

(2) *Table 8-140B-2.* Standards of grade N/A.

**8-11. Military Occupational Specialty 140D—HAWK Systems Technician (Reserve Component only)**

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 140D.* MOS 140D is an accession MOS. The enlisted feeder MOSs are 24K, 27H, and 27K.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the HAWK Warrant Officer Basic Course.

(b) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(c) Have normal vision correctable to 20/20; normal color discrimination; full use of both hands; and have normal hearing per AR 40-501.

(d) Have a physical profile that allows assignment to remote locations.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete both phases of the Warrant Officer Advanced Course for CW2(P) or CW3.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the WOSC for CW3(P) or CW4.

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the WOSSC.

*g. Duties.*

(1) WO1/CW2—

(a) Coordinates the activities of maintenance personnel, equipment and site assets for the installation, repair, maintenance, and modification of the Army Air Defense HAWK Systems, artillery equipment, and tools.

(b) Plan, organize, implement, monitor, evaluate, and supervise operations and unit maintenance of the HAWK weapon system.

(c) Advise the commander on march order and emplacement of the HAWK systems.

(d) Develop and implement maintenance SOPs.

(e) Evaluate the effectiveness of maintenance programs and operator training.

(f) Advise and instruct maintenance personnel on adjustments, repair operations, and isolation procedures.

(g) Monitor and coordinates installation of modifications on the HAWK system.

(h) Advise commander on HAWK system capabilities and limitations.

(i) Implement proper safety and security procedures applicable to the maintenance support of the HAWK system.

(j) Oversee The Army Maintenance Management System (TAMMS).

(k) Supervise maintenance of unit Prescribed Load List (PLL) per AR 710-2, DA Pam 710-2-1, and DA Pam 710-2-2.

(l) Assist platoon leaders in operator/crew training.

- (2) CW3—
    - (a) Perform duties described in paragraph g(1).
    - (b) Provides technical guidance and direction to subordinate elements.
    - (c) Advise the commander or staff officers on the HAWK system capabilities and limitations.
    - (d) Evaluates, trains, and validates unit readiness for the commander.
    - (e) Teach the use of effects of modifications to the HAWK weapon system and train new doctrine concepts.
  - (3) CW4—
    - (a) Perform duties described in paragraph g(2).
    - (b) Perform in contracting management and budgeting.
    - (c) Serve as Project Manager on New/Improved HAWK weapon system fielding.
    - (d) Provide leadership, guidance, technical input, and direction to subordinate elements, staff agencies, and field commanders up to and including theater level.
  - (4) CW5—
    - (a) Perform duties described in paragraph g(3).
    - (b) Develop, review and update the life cycle management of ADA warrant officers.
    - (c) Advise the Commandant and Assistant Commandant at the Army Air Defense Artillery School on all matters pertaining to ADA warrant officers.
- h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:
- (1) Table 8-140D-1. Standards of grade TOE/MTOE.
  - (2) Table 8-140D-2. Standards of grade N/A.

## 8-12. Military Occupational Specialty 140E—PATRIOT Systems Technician

- a. Licensing/certification requirement.* None.
- b. Prerequisites.* DA Cir 601 series.
- c. MOS 140E.* MOS 140E is an accession MOS. The enlisted feeder MOSs are 23R, 24H, 24K, 24T, and 25L, and 27X.
- d. Associated SQI.*
  - (1) 0—No special qualifications.
  - (2) 7—Parachutist.
  - (3) 8—Instructor.
  - (4) T—Transition (personnel only).
  - (5) Z—Research, Development, Test, and Evaluation Technician.
- e. Associated ASI.*
  - (1) 6M—Mobilization and Demobilization Operations.
  - (2) 6P—Master Fitness Trainer.
- f. Qualifications.*
  - (1) WO1/CW2 must—
    - (a) Complete the PATRIOT Warrant Officer Basic Course.
    - (b) Be a U.S. citizen. Qualify for a security clearance of SECRET.
  - (c) Have normal vision correctable to 20/20; normal color discrimination; full use of both hands; and have normal hearing per AR 40-501.
  - (d) Have a physical profile that allows assignment to remote locations.
- (2) CW3 must—
  - (a) Meet qualifications described in paragraph f(1).
  - (b) Complete both phases of the Warrant Officer Advanced Course for CW2(P) or CW3.
- (3) CW4 must—
  - (a) Meet qualifications described in paragraph f(2).
  - (b) Complete the WOSC for CW3(P) or CW4.
- (4) CW5 must—
  - (a) Meet qualifications described in paragraph f(3).
  - (b) Complete the WOSSC.
- g. Duties*
  - (1) WO1/CW2—

- (a) Coordinate the activities of maintenance, personnel, equipment and site assets for the installation, repair, maintenance, and modification of the Army Air Defense PATRIOT System, ancillary equipment, and tools.
  - (b) Plan, organize, implement, monitor, evaluate, and supervise operations and unit maintenance of the PATRIOT weapon system.
  - (c) Advise the commander on march order and emplacement of the PATRIOT system.
  - (d) Develop and implement maintenance SOPs.
  - (e) Evaluates the effectiveness of maintenance personnel on adjustments, repair operations, and isolation procedures.
  - (f) Advise and instruct maintenance personnel on adjustments, repair operations, and isolation procedures.
  - (g) Monitor and coordinate installation of modifications of the PATRIOT system.
  - (h) Advise commander on PATRIOT system capabilities and limitations.
  - (i) Implement proper safety and security procedures applicable to the maintenance support of the PATRIOT system.
  - (j) Oversee The Army Maintenance Management System (TAMMS).
  - (k) Supervise maintenance of unit Prescribed Load List (PLL) per AR 710-2, DA Pam 710-2-1, and DA Pam 710-2-2.
  - (l) Assist platoon leaders in operator/crew training.
- (2) CW3—
    - (a) Perform duties described in paragraph g(1).
    - (b) Provide technical guidance and direction to subordinate elements.
    - (c) Advise the commander or staff officers on the PATRIOT system capabilities and limitations.
    - (d) Evaluates, trains, and validates unit readiness for the commander.
    - (e) Teach the use of effects of modifications to the PATRIOT weapon system and train new doctrine concepts.
  - (3) CW4—
    - (a) Perform duties described in paragraph g(2).
    - (b) Perform in contact management and budgeting.
    - (c) Serve as Project Manager on New/Improved PATRIOT weapon system fielding.
    - (d) Provide leadership, guidance, technical input, and direction to subordinate elements, staff agencies, and field commanders up to and including theater level.
  - (4) CW5—
    - (a) Perform duties described in paragraph g(3).
    - (b) Develop, review and update the life cycle management of ADA warrant officers.
    - (c) Advise the Commandant and Assistant Commandant at the Army Air Defense Artillery School on all matters pertaining to ADA warrant officers.
- h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:
- (1) Table 8-140E-1. Standards of grade TOE/MTOE.
  - (2) Table 8-140E-2. Standards of grade TDA.

## 8-13. Branch 15—Aviation

(Proponent: Aviation Center) Seven Areas of Concentration with 16 Military Occupational Specialties. Grade standards for aviation warrant officer positions in TOE/MTOE and TDA organizations will be in accordance with grading established in standards of grade tables 8-150A-1 through 8-156A-2. Encompasses operational flying and nonoperational flying warrant officer positions concerned with the employment and support of Army aviation. Pilots rotary and/or fixed wing aircraft, conducts training, imparts instruction, manages safety programs, supervises air traffic control, and supervises maintenance/repair of Army aircraft. Conducts aeromedical evacuation, aerial scout, air assault, airlift, aerial reconnaissance, aerial fire support, direct fire on enemy forces, aerial combat, and aerial supply and resupply missions. Performs combat, combat support, or

combat service support operations in support of the Army aviation mission.

#### **8-14. Area of Concentration 150—Air Traffic Control (ATC) (Reserve Components only)**

Supervises the effective utilization of ATC equipment and ATC personnel at all categories of Army ATC facilities. Supervises fixed base ATC training and rating programs, combat support training and certification programs, and combat support and fixed base facility operations procedures. Supervises airspace management functions and airspace processing procedures into the National Airspace system (NAS).

#### **8-15. Military Occupational Specialty 150A—ATC Technician (Reserve Components only)**

*a. Licensing/certification requirement.* FAA Form 7220-1 (Air Traffic Control Specialist Certificate) (This form can be obtained from HQ, FAA, Air Traffic Control Resource Management Program, ATTN: ATX-10, 800 Independence Ave, SW Washington, DC 20024).

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 150A.* MOS 150A is an accession MOS. The enlisted feeder MOS is 93C.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(b) Graduate from a military air traffic control (ATC) school.

(c) Possess a FAA Form 7220-1, with a facility rating in either a control tower or in a radar air traffic control facility.

(d) Meet medical qualifications. WO1/CW2 must—

1. Meet the medical examination requirements of AR 40-501.

2. Meet the medical fitness standards for class IIA flying duty (ATC) as identified in AR 40-501.

3. Maintain height and weight standards per AR 600-9 and AR 40-501.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1) above.

(b) Be commissioned to hold a platoon leader position.

(c) Successfully complete the Aviation Warrant Officer Advanced Course (AVWOAC).

(3) CW4 must—

(a) Meet qualifications described in paragraph f(1) and f(2) above.

(b) Successfully complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(1), f(2) and f(3) above.

(b) Successfully complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2—

(a) Manages and supervises enlisted and civilian ATC personnel.

(b) Is thoroughly knowledgeable of procedures and standards for the separation and control of aircraft, airports and airspace.

(c) Develops, revises, and reviews terminal instrument and instrument enroute procedures (TERPS) for combat support application and fixed base requirements. Assists in the development and revision of control zones, restricted areas, transition areas, and other special use airspace.

(d) Provides technical expertise pertaining to the operation of all types of ATC fixed base and combat support equipment.

(e) Applies the standards, time limitations, and policies for the issuance of controller qualification, certification, and facility ratings to Army ATC personnel. Applies procedures for the cancellation, suspension, or reissue and withdrawal of certificates and facility ratings.

(f) Manages the Army maintenance management system as it relates to maintenance of TDA ATC equipment.

(g) Follows safety requirements as related to all aspects of maintenance activities.

(2) CW3—

(a) Performs duties described in paragraph g(1)(a) through (g) above.

(b) Analyzes Army ATC/aviation mishaps to assist determining causative factors.

(c) Reviews Army and federal training requirements. Submits recommendations pertaining to program standardization of ATC testing, soldiers manuals, ARTEPS and nonresident ATC courses.

(d) Provides technical expertise regarding technical and operational standards for space requirements and equipment layouts for ATC improvements. Recommends changes to criteria governing establishment and discontinuance of ATC services and facilities.

(3) CW4—

(a) Performs the duties described in paragraph g(2)(a) through (d) above.

(b) Plans, monitors and evaluates ATC operations, processes and procedures, and ATC materiel readiness status. Provides guidance and technical input to subordinate ATC elements and other staff elements.

(c) Performs duties pertaining to resource management and ATC equipment procurement activities.

(4) CW5—

(a) Performs duties required in paragraph g(3)(a) through (c) above.

(b) Provides guidance, advice and counsel to commanders and other staff members.

(c) Provides guidance and technical input to subordinate ATC element and other staff elements and commanders at all levels.

(d) As a training system integrator, develops and evaluates course content and provides technical training advice and guidance pertaining to area of technical specialty.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3 of this regulation. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-150A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-150A-2.* Standards of grade TDA.

#### **8-16. Area of Concentration 151—Aviation Maintenance (Nonrated)**

Manages personnel, supply, equipment, and facility assets to maintain and repair Army rotary and fixed wing aircraft. Organizes maintenance elements to inspect, service, test, disassemble, repair, reassemble, adjust, replace parts, and retest aircraft or aircraft components. Prepares, implements, and maintains standing operating procedures for management of maintenance activities. Interprets regulations, technical manuals, and orders pertaining to maintenance of Army aircraft for commanders and subordinates. Supervises aviation equipment maintenance and repair shop, section, or platoon. Directs maintenance and accountability of organizational test equipment, supplies, and recovery equipment.

#### **8-17. Military Occupational Specialty 151A—Aviation Maintenance Technician (Nonrated)**

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 151A.* MOS 151A is an accession MOS. The enlisted feeder MOS are all MOS 67 and 68 series.

*d. Associated SQI.*

- (1) 0—No special qualifications.
- (2) 7—Parachutist.
- (3) 8—Instructor.
- (4) E—Aircraft Armament Maintenance Officer.
- (5) T—Transition (personnel only).
- (6) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

- (1) 6M—Mobilization and Demobilization Operations.
- (2) 6P—Master Fitness Trainer.
- (3) H1—Aircraft Armament Maintenance Officer. (Not for use with positions coded with SQI E).

*f. Qualifications.*

- (1) WO1/CW2 must—

(a) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(b) Meet medical qualifications.

1. The medical examination requirements in AR 40-501 must be met.

2. Class IIA medical standards must be maintained while on noncrewmember flight status.

(c) Maintain height and weight standards per AR 600-9 and AR 40-501.

(d) Successfully complete the Aviation Maintenance Warrant Officer Technical Certification Course.

(e) Be commissioned upon promotion to CW2.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1) above.

(b) Successfully complete the Aviation Warrant Officer Advanced Course (AVWOAC).

(3) CW4 must—

(a) Meet qualifications described in paragraph f(1) and f(2) above.

(b) Successfully complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications listed in paragraph f(1), f(2), and f(3) above.

(b) Successfully complete WOSSC.

*g. Duties.*

(1) WO1/CW2—

(a) Manages aircraft maintenance based on a thorough knowledge of aircraft maintenance requirements for powerplants, power trains, electrical systems, avionics, armament systems, mechanics and pneumatics.

(b) Manages removal, disassembly, inspection, repair, assembly, installation, maintenance operational checks and adjustments of aircraft structures, components and subsystems.

(c) Manages the maintenance of technical publication libraries.

(d) Ensures compliance with regulations governing forms, records and reports pertaining to aircraft maintenance.

(e) Manages aircraft repair parts and supply procedures.

(f) Directs the development of aircraft repair parts and spares stockage levels to ensure mission accomplishment and sustainment.

(g) Directs the use of tools, measuring, and diagnostic equipment to isolate faults in aircraft systems and subsystems.

(h) Ensures quality control procedures are observed during aviation maintenance.

(i) Directs use of computer systems and software for maintenance and supply requesting, reporting and management.

(2) CW3—Performs duties described in paragraph g(1)(a) through (i) above.

(3) CW4—

(a) Performs duties described in paragraph g(2) above.

(b) As a AVIM battalion aviation materiel officer monitors and evaluates aircraft maintenance operations, processes and procedures, and aviation materiel readiness status. Provides guidance and technical input to subordinate aviation maintenance elements and other staff elements.

(c) Manages production control of aviation intermediate maintenance.

(d) Provides technical advice to allied services using U.S. Army aircraft.

(e) Performs duties pertaining to resource management and aircraft procurement activities.

(4) CW5—

(a) Performs duties described in paragraph g(3)(a) through (e) above.

(b) Provides guidance and technical input to subordinate aviation maintenance elements and other staff elements and commanders at all levels.

(h) Grading and position titles. Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-151A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-151A-2.* Standards of grade TDA.

### **8-18. Area of Concentration 152—Rotary Wing Attack/Scout**

Pilots and commands attack and scout helicopters under tactical and nontactical conditions. Operates aircraft during all types of meteorological conditions during day or night. Responsible for coordinating, conducting, and directing combat attack/scout helicopter operations, joint air attack team operations and indirect fire missions. Participates in anti-armor operations, reconnaissance missions, security missions, and combat maneuver operations. Functions as a direct combat participant with organic armament systems. Maintains aircrew training manual (ATM) requirements in appropriate aircraft.

### **8-19. Military Occupational Specialties**

MOS 152B—OH-58A/C Scout Pilot; 152C—OH-6 Pilot; 152D—OH-58D Pilot; 152F—AH-64 Attack Pilot; 152G—AH-1 Attack Pilot.

*a. Licensing/certification requirements.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS.* MOS 152C, 152D, and 152F are nonaccession MOS. MOS 152B is an accession MOS with all enlisted MOS performing as feeder MOS. MOS 152B, 152D, 152F and 152G may be substituted for MOS 153A CW5 positions at the brigade and higher staff level.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) B—Aviation Safety Officer.

(5) C—Instructor Pilot.

(6) E—Aircraft Armament Maintenance Officer.

(7) F—Senior Instructor Pilot and Instrument Flight Examiner.

(8) G—Aviation Maintenance Officer.

(9) H—Standardization Instructor Pilot.

(10) I—Tactical Operations Officer.

(11) L—Maintenance Test Flight Evaluator.

(12) T—Transition (personnel only).

(13) Z—Research, Development, Test, and Evaluation Officer.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

(3) A2—OH-58A/C Scout Pilot (not for use with positions coded with MOS 152B).

(4) A4—OH-58D Warrior Pilot.

(5) D2—AH-1 Pilot.

(6) D5—AH-64A/B Pilot.

(7) D7—AH-64C/D Pilot.

(8) G2—Instructor Pilot (not for use with positions coded with SQI C).

(9) G6—Aviation Maintenance Officer (not for use with positions coded with SQI G).

(10) G7—Aviation Related.

(11) H1—Aircraft Armament Maintenance Officer (not for use with positions coded with SQI E).

(12) H2—Aviation Life Support Equipment Officer.

(13) H3—Aircrew Survivability Equipment and Electronic Warfare Officer.

(14) K4—Special Operations Aviation (indicates OH-6 Pilot when used in conjunction with MOS 152C).

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(b) Meet medical qualifications. WO1 and CW2 must—

1. Initially meet the medical examination requirements of Class I medical standards as prescribed by AR 40-501.

2. Maintain Class II medical standards once an officer is on flight status.

(c) Maintain height and weight standards per AR 600-9 and AR 40-501.

(d) Successfully complete the Warrant Officer Technical Certification Course (IERW for AOC 152 thru 155).

(e) Successfully complete the appropriate aircraft qualification training.

(f) Be commissioned upon promotion to CW2.

(2) CW3 must—

(a) Meet qualifications listed in paragraph f(1) above.

(b) Successfully complete the Aviation Warrant Officer Advanced Course (AVWOAC).

(3) CW4 must—

(a) Meet qualifications listed in paragraph f(2) above unless awarded ASI G7 through board action.

(b) Successfully complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications listed in paragraph f(3) above unless awarded ASI G7 through board action.

(b) Successfully complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2—

(a) Plans flights, ascertains factors such as load, weight, fuel supply, route, altitudes or schedules as necessary to safely accomplish mission.

(b) Supervises loading and unloading of aircraft to ensure load stability, balance and adherence to aircraft load limitations.

(c) Pilots and commands assigned aircraft under tactical and non-tactical conditions for military purposes.

(d) Conducts pre/post-tactical mission briefings.

(e) Performs aerial evasive maneuvers.

(f) Trains personnel to engage hostile forces with aircraft armament systems.

(g) Maintains Aircrew Training Program requirements in appropriate aircraft.

(h) Detects satisfactory and unsatisfactory aircraft system or flight performance.

(i) Executes emergency operating procedures for assigned aircraft.

(2) CW3—

(a) Performs duties described in paragraph g(1)(a) through (n) above.

(b) Manages maintenance personnel, tech supply, ground support equipment and facility assets to maintain, repair, test fly, and recover rotary wing aircraft.

(3) CW4—

(a) Performs duties described in paragraph g(1)(a) through (b) above.

(b) As an IP, ASO or MTP in Special Operations Aviation also performs duties described in paragraph g(2)(c) through (h).

(4) CW5—

(a) Performs duties required in paragraph g(1)(a) through (b).

(b) As a SIP, ASO, MTFE or tactical operations officer in Special Operations Aviation.

*h. Grading and position titles.* Authorized titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-152B-1.* Standards of grade TOE/MTOE.

(2) *Table 8-152B-2.* Standards of grade TDA.

(3) *Table 8-152C-1.* Standards of grade TOE/MTOE.

(4) *Table 8-152C-2.* Standards of grade TDA.

(5) *Table 8-152D-1.* Standards of grade TOE/MTOE.

(6) *Table 8-152D-2.* Standards of grade TDA.

(7) *Table 8-152F-1.* Standards of grade TOE/MTOE.

(8) *Table 8-152F-2.* Standards of grade TDA.

(9) *Table 8-152G-1.* Standards of grade TOE/MTOE.

(10) *Table 8-152G-2.* Standards of grade TDA.

## **8-20. Area of Concentration 153—Rotary Wing Utility/Observation**

Pilots and commands helicopters under tactical and nontactical conditions. Operates aircraft during all types of meteorological conditions during day or night. Performs military aircraft operation in support of peacetime training, disaster relief and combat, combat support and combat service support missions. Maintains aircrew training manual (ATM) requirements in appropriate aircraft.

## **8-21. Military Occupational Specialties**

MOS 153A—Rotary Wing Aviator (Aircraft Nonspecific); 153B—UH-1 Pilot, and 153D—UH-60 Pilot.

*a. Licensing/certification requirements.* None.

*b. Prerequisites.*

*c. MOS* MOS 153B and 153D is an accession MOS with all enlisted MOS performing as feeder MOS. MOS 153A is a nonaccession MOS. MOS 153B and 153D may be substituted for MOS 153A CW5 positions at the Brigade and higher staff level.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) B—Aviation Safety Officer.

(5) C—Instructor Pilot.

(6) D—Aeromedical Evacuation Pilot.

(7) E—Aircraft Armament Maintenance Officer (for use with MOS 153A and 153D in special Operations Aviation units only).

(8) F—Senior Instructor Pilot and Instrument Flight Examiner.

(9) G—Aviation Maintenance Officer.

(10) H—Standardization Instructor Pilot.

(11) I—Tactical Operations Officer.

(12) J—Engineering Test Pilot (for use with MOS 153A only).

(13) L—Maintenance Test Flight Evaluator.

(14) T—Transition (personnel only).

(15) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

(3) A2—OH-58A/C Scout Pilot.

(4) A3—OH-58D Scout Pilot (for use with MOS 153A only).

(5) A4—OH-58D Warrior Pilot.

(6) B2—UH-60 Pilot (for use with MOS 153A only).

(7) B2—EH-60 Pilot (for use with MOS 153D only).

(8) C2—CH-47D Pilot (for use with MOS 153A only).

(9) D2—AH-1 Pilot (for use with MOS 153A only).

(10) D5—AH-64A/B Pilot (for use with MOS 153A only).

(11) D7—AH-64C/D Pilot (for use with MOS 153A and 153D only).

(12) G2—Instructor Pilot (not for use with positions coded with SQI C).

(13) G6—Aviation Maintenance Officer (not for use with positions coded with SQI G).

- (14) G7—Aviation Related.
- (15) H1—Aircraft Armament Maintenance Officer (not for use with positions coded with SQI E; for use with MOS 153A and 153D in Special Operations Aviation units only.)
- (16) H2—Aviation Life Support Equipment Officer (for use with MOS 153B and 153D only).
- (17) H3—Aircraft Survivability Equipment and Electronic Warfare Officer.
- (18) H4—Aeromedical Evacuation Pilot.
- (19) K4—Special Operations Aviation (for use with MOS 153A and 153D).
- (20) K5—MH-60K Pilot (for use with 153A and 153D in Special Operations Aviation units only).
- (21) K6—MH-47E Pilot (for use with MOS 153A in Special Operations Aviation units only).
- f. Qualifications.*
  - (1) WO1/CW2 must—
    - (a) Be a U.S. citizen. Qualify for a security clearance of SECRET.
    - (b) Meet medical qualifications. WO1 and CW2 must—
      - 1. Initially meet the medical examination requirements of Class I medical standards as prescribed by AR 40-501.
      - 2. Class II medical standards must be maintained once an officer is on flight status.
    - (c) Maintain height and weight standards per AR 600-9 and AR 40-501.
    - (d) Successfully complete the Warrant Officer Technical Certification Course (IERW for AOC 152 thru 155).
    - (e) Successfully complete the appropriate aircraft qualification training.
      - (1) Be commissioned upon promotion to CW2.
      - (2) CW3 must—
        - (a) Meet qualifications listed in paragraph f(1) above.
      - (b) Successfully complete the Aviation Warrant Officer Advanced Course (AVWOAC).
      - (3) CW4 must—
        - (a) Meet qualifications listed in paragraph f(2) above unless awarded ASI G7 through board action.
        - (b) Successfully complete the Warrant Officer Staff Course (WOSC).
        - (4) CW5 must—
          - (a) Meet qualifications listed in paragraph f(3) above.
          - (b) Meet qualifications listed in paragraph f(1)(b) above unless awarded ASI G7 through board action.
        - (c) Successfully complete the Warrant Officer Senior Staff Course (WOSSC).
      - g. Duties.*
        - (1) WO1/CW2—
          - (a) Plans flights, ascertains factors such as load, weight, fuel supply, route, altitudes or schedules as necessary to safely accomplish mission.
          - (b) Supervises loading and unloading of aircraft to ensure load stability, balance, and adherence to aircraft load limitations.
          - (c) Pilots and commands assigned aircraft under tactical and non-tactical conditions for military purposes.
            - (d) Conducts pre/post-tactical mission briefings.
            - (e) Performs aeromedical evacuation missions.
            - (f) Performs external load missions.
            - (g) Performs aerial evasive maneuvers.
            - (h) Trains to engage hostile forces with aircraft armament subsystems.
              - (i) Conducts electronic warfare signal intelligence (EW/SIGINT) missions (MOS 153A and 153D only with SQI 9).
              - (j) Maintains Aircrew Training Program requirements in appropriate aircraft.
              - (k) Detects satisfactory and unsatisfactory aircraft system or flight performance.
              - (l) Executes emergency operating procedures for assigned aircraft.
          - (2) CW3—

- (a) Performs duties described in paragraph g(1)(a) through (1) above.
- (b) Performs duties as an aircraft armament maintenance officer on MH-60 aircraft.
- (3) CW4—
  - (a) Performs duties described in paragraph g(1)(a) through (b).
  - (b) As an IP, ASO, MTP or tactical operations officer in Special Operations Aviation.
- (4) CW5—
  - (a) Performs duties required in paragraph g(1)(a) through (b).
  - (b) Performs duties as a SIP, ASO, MTFE or tactical operations officer in special operations aviation.
    - h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4 and W5 equals CW5. The grades are listed in the following standards of grade tables:
      - (1) *Table 8-153A-1.* Standards of grade TOE/MTOE.
      - (2) *Table 8-153A-2.* Standards of grade TDA.
      - (3) *Table 8-153B-1.* Standards of grade TOE/MTOE.
      - (4) *Table 8-153B-2.* Standards of grade TDA.
      - (5) *Table 8-153D-1.* Standards of grade TOE/MTOE.
      - (6) *Table 8-153D-2.* Standards of grade TDA.

**8-22. Area of Concentration 154—Rotary Wing Cargo**  
Pilots and commands cargo helicopters under tactical and nontactical conditions. Operates aircraft during all types of meteorological conditions during day or night. Performs military aircraft operations in support of peacetime training, disaster relief and combat, combat support and combat service support missions. Maintains aircrew training manual (ATM) requirements in appropriate aircraft.

**8-23. Military Occupational Specialty 154C—CH-47D Pilot**

- a. Licensing/certification requirements.* None.
- b. Prerequisites.* DA Cir 601 series.
- c. MOS 154C.* MOS 154C is a nonaccession MOS. The feeder MOS for MOS 154C are any WO MOS in the 152, 153 or 155 areas of concentration.
- d. Associated SQI.*
  - (1) 0—No special qualifications.
  - (2) 7—Parachutist.
  - (3) 8—Instructor.
  - (4) B—Aviation Safety Officer.
  - (5) C—Instructor Pilot.
  - (6) E—Aircraft Armament Maintenance Officer (for use with MOS 154C in Special Operations Aviation units only).
  - (7) F—Senior Instructor Pilot and Instrument Flight Examiner.
  - (8) G—Aviation Maintenance Officer.
  - (9) H—Standardization Instructor Pilot.
  - (10) I—Tactical Operations Officer.
  - (11) L—Maintenance Test Flight Evaluator.
  - (12) T—Transition (personnel only).
  - (13) Z—Research, Development, Test, and Evaluation Technician.
- e. Associated ASI.*
  - (1) 6M—Mobilization and Demobilization Operations.
  - (2) 6P—Master Fitness Trainer.
  - (3) B2—UH-60 Pilot.
  - (4) G2—Instructor Pilot (not for use with positions coded with SQI C).
  - (5) G6—Aviation Maintenance Officer (not for use with positions coded with SQI G).
  - (6) G7—Aviation Related.
  - (7) H1—Aircraft Armament Maintenance Officer (not for use with positions coded with SQI E; for use with MOS 154C in Special Operations Aviation units only).
  - (8) H2—Aviation Life Support Equipment Officer.
  - (9) H3—Aircraft Survivability Equipment and Electronic Warfare Officer.
  - (10) K4—Special Operations Aviation (for use with MOS 154C only; indicates MH-47D Pilot when used with MOS 154C).

(11) K6—MH-47E Pilot (for use with MOS 154C in Special Operations units only).

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(b) Meet medical qualifications. WO1 and CW2 must—

1. Initially meet the medical examination requirements of Class I medical standards as prescribed by AR 40-501.

2. Class II medical standards must be maintained once an officer is on flight status.

(c) Maintain height and weight standards per AR 600-9 and AR 40-501.

(d) Successfully complete the Warrant Officer Technical Certification Course (IERW for AOC 152 thru 155).

(e) Successfully complete the appropriate aircraft qualification training.

(f) Be commissioned upon promotion to CW2.

(2) CW3 must—

(a) Meet qualifications listed in f(1) above.

(b) Successfully complete the Aviation Warrant Officer Advanced Course (AVWOAC).

(3) CW4 must—

(a) Meet qualifications listed in paragraph f(1)(a), f(1)(c), f(1)(d), f(1)(e), and f(2)(c) above.

(b) Meet qualifications listed in paragraph f(1)(b) above unless awarded ASI G7 through board action.

(c) Successfully complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications listed in paragraph f(3) above.

(b) Meet qualifications listed in paragraph f(1)(b) above unless awarded ASI G7 through board action.

(c) Successfully complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2—

(a) Plans flights, ascertains factors such as load, weight, fuel supply, route, altitudes or schedules as necessary to safely accomplish mission.

(b) Supervises loading and unloading of aircraft to ensure load stability, balance and adherence to aircraft load limitations.

(c) Pilots and commands assigned aircraft under tactical and nontactical conditions for military purposes.

(d) Conducts pre/post-tactical mission briefings.

(e) Performs aeromedical evacuation missions.

(f) Performs external load missions.

(g) Performs water landing missions.

(h) Performs aerial evasive maneuvers.

(i) Trains personnel to engage hostile forces with aircraft armament subsystems.

(j) Maintains Aircrew Training Program requirements in appropriate aircraft.

(k) Detects satisfactory and unsatisfactory aircraft system or flight performance.

(l) Executes emergency operating procedures for assigned aircraft.

(2) CW3—

(a) Performs duties described in paragraph g(1)(a) through (l) above.

(b) Performs duties as an aircraft armament maintenance officer on MH-47 aircraft.

(3) CW4—

(a) Performs duties described in paragraph g(1)(a) through (b) above.

(b) Performs duties as an IP, ASO, MTP or tactical operations officer in Special Operations Aviation.

(4) CW5—

(a) Performs duties as described in paragraph g(1)(a) through (b) above.

(b) Performs duties as an SIP, ASO, MTFE or tactical operations officer in special operations aviation.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-154C-1.* Standards of grade TOE/MTOE.

(2) *Table 8-154C-2.* Standards of grade TDA.

## 8-24. Area of Concentration 155—Fixed Wing Utility

Pilots and commands fixed-wing aircraft under tactical and nontactical conditions. Operates aircraft during all types of meteorological conditions during day and night conditions. Transports passengers, mail or cargo for military purposes. When appropriately equipped, performs military intelligence and aerial radio relay missions. Maintains aircrew training manual (ATM) requirements in appropriate aircraft.

## 8-25. Military Occupational Specialties

MOS 155A—Fixed Wing Aviator (Aircraft Nonspecific); 155D—U-21 Pilot and 155E—C-12 Pilot.

*a. Licensing/certification requirements.* None.

*b. Prerequisite.* DA Cir 601 Series.

*c. MOS.* MOS 155A, 155D and 155E are nonaccession MOS. All MOSs at the WO1 and CW2 level in AOCs 152, 153 or 154 are feeder MOS for 155D and 155E. MOS 155D, 155E and 156A may be substituted for MOS 155A CW5 positions at the battalion level.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) B—Aviation Safety Officer.

(5) C—Instructor Pilot.

(6) F—Senior Instructor Pilot and Instrument Flight Examiner.

(7) G—Aviation Maintenance Officer.

(8) H—Standardization Instructor Pilot.

(9) I—Tactical Operations Officer.

(10) J—Engineering Test Pilot (for use with MOS 155A only).

(11) L—Maintenance Test Flight Evaluator.

(12) T—Transition (personnel only).

(13) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

(3) B2—UH-60 Pilot.

(4) E3—C-20 Pilot.

(5) E4—U-21 Pilot (for use with MOS 155A only).

(6) E5—C-12 Pilot (for use with MOS 155A only).

(7) E6—C-21 Pilot.

(8) E7—C-23 Pilot.

(9) E8—C-26 Pilot.

(10) F2—RU-21 Pilot (for use with MOS 155A and 155E).

(11) F3—RC-12D/G/H Pilot (for use with MOS 155A and 155E only).

(12) F4—RC-12K/N Pilot (for use with MOS 155A and 155E only).

(13) F5—EO-54/O-5B Pilot.

(14) G2—Instructor Pilot (not for use with positions coded with SQI C).

(15) G6—Aviation Maintenance Officer (not for use with positions coded with SQI G).

(16) G7—Aviation Related.

(17) H2—Aviation Life Support Equipment Officer (for use with MOS 155D and 155E only).

(18) H3—Aircraft Survivability Equipment and Electronic Warfare Officer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(b) Meet medical qualifications. WO1 and CW2 must—

1. Initially meet the medical examination requirements of Class I medical standards as prescribed by AR 40-501.

2. Class II medical standards must be maintained once an officer is on flight status.

(c) Maintain height and weight standards per AR 600-9 and AR 40-501.

(d) Successfully complete the Warrant Officer Technical Certification Course (IERW for AOC 152 thru 155).

(e) Successfully complete the appropriate aircraft qualification training.

(f) Be commissioned upon promotion to CW2.

(2) CW3 must—

(a) Meet qualifications listed in paragraph f(1) above.

(b) Successfully complete the Aviation Warrant Officer Advanced Course (AVWOAC).

(3) CW4 must—

(a) Meet qualifications listed in paragraph f(1) above unless awarded ASI G7 through board action.

(b) Successfully complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications listed in paragraph f(3) above unless awarded ASI G7 through board action.

(b) Successfully complete the Warrant Officer Senior Staff Course (WOSSC).

g. *Duties.*

(1) WO1/CW2—

(a) Plans flights, ascertainment factors such as load, weight, fuel supply, route, altitudes or schedules as necessary to safely accomplish mission.

(b) Supervises loading and unloading of aircraft to ensure load stability, balance and adherence to aircraft load limitations.

(c) Pilots and commands assigned aircraft under tactical and non-tactical conditions for military purposes.

(d) Conducts pre/post-administrative and tactical mission briefings.

(e) Performs aeromedical evacuation missions.

(f) Performs aerial evasive maneuvers.

(g) Maintains Aircrew Training Program requirements in appropriate aircraft.

(h) Detects satisfactory and unsatisfactory aircraft system or flight performance.

(i) Executes emergency operating procedures for assigned aircraft.

(j) Performs electronic surveillance and intelligence gathering missions.

(2) CW3 performs duties described in paragraph g(1)(a) through (i) above.

(3) CW4 performs duties described in paragraph g(1)(a) above.

(4) CW5—

(a) Performs duties described in paragraph g(1)(a) above.

(b) Provides guidance, advice and counsel to commanders and other staff members.

h. *Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-155A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-155A-2.* Standards of grade TDA.

(3) *Table 8-155D-1.* Standards of grade TOE/MTOE.

(4) *Table 8-155D-2.* Standards of grade TDA.

(5) *Table 8-155E-1.* Standards of grade TOE/MTOE.

(6) *Table 8-155E-2.* Standards of grade TDA.

## **8-26. Area of Concentration 156—Fixed Wing Surveillance**

(Rescinded.)

## **8-27. Military Occupational Specialty 156A—OV-1/RV-1 Pilot**

(Rescinded.)

## **8-28. Branch 18—Special Forces (Closed to women—see paragraph 6-12)**

(Proponent: JFK Special Warfare Center and School) Manages all aspects of Special Forces Operations in all operational environments. Supports Joint and Army strategic, operational and tactical requirements at all levels of execution as concerns mission planning, development, and execution of special operations worldwide. Is responsible for the conduct of unconventional warfare, intelligence collection and strategic reconnaissance, collective security, strike operations, and counterterrorism operations; supports psychological, civil affairs, and deception requirements; and the conduct of other missions, relative to special forces capabilities, as directed.

## **8-29. Area of Concentration 180—Special Forces**

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty provides the Army with the tactical and technical expertise to effectively conduct the missions of special forces operations.

## **8-30. Military Occupational Specialty 180A—Special Forces Warrant Officer**

a. *Licensing/certification requirements.* None.

b. *Prerequisites.* DA Cir 601 series.

c. *MOS 180A.* MOS 180A is an accession MOS. The enlisted feeder MOSs are 18B 18C, 18D, 18E, 18F and 18Z.

d. *Associated SQI.*

(1) 0—No special qualifications.

(2) 8—Instructor.

(3) T—Transition (personnel only).

(4) Z—Research, Development, Test, and Evaluation Technician.

e. *Associated ASI.*

(1) 4W—Underwater Special Operations.

(2) 4X—Military Free Fall Special Operations.

(3) 6M—Mobilization and Demobilization Operations.

(4) 6P—Master Fitness Trainer.

f. *Qualifications.*

(1) WO1/CW2 must—

(a) Complete the Special Forces Warrant Officers Basic Course.

(b) Be able to perform parachute duty.

(c) Be able to pass the Special Forces swim test.

(d) Possess a language rating of 2/2 reflected on a current DA Form 330.

(e) Meet the Medical Fitness Standards for Special Forces duty per AR 40-501, SERE and if required for MFF (HALO)/UWO (SCUBA).

(f) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(g) Must initiate Special Background Investigation (SBI) to be later indoctrinated for Special Compartmented Information (SCI) prior to attendance at WOAC.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the Special Forces Technician Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officers Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

i. *Duties.*

(1) WO1/CW2—

(a) Serves in the Special Forces Operational Detachment "A" (ODA) as the Assistant Detachment Commander.

(b) Is second in command of an ODA. Commands in the absence of the Detachment Commander.

(c) Has the capability of commanding a task organized operational element.

(d) Commands half the ODA during split team operations.

(e) Provides technical expertise to the Commander in the areas of Special Forces operational administration, intelligence, operations, logistics, civil-military affairs, and psychological operations.

(f) Develops, maintains, and continually updates operational plans and targeting data for deployable elements.

(g) Assists in the management of predeployment planning, training, and development of operational detachments.

(h) Develops, directs, supervises, and conducts training for U.S. and foreign military/paramilitary forces worldwide.

(i) Advises the Commander on all aspects of Special Forces Operations and Specialized Training to include: Military Free Fall (MFF), Combat Dive (UMO), Special Operations Training (SOT), Survival Evasion Resistance Escape (SERE), Special Forces Target Interdiction (SOTI), Special Forces Advanced Reconnaissance Target Analysis and Exploitation (SFARTAEC), Advanced Special Operations Techniques (ASOT), Psychological Operations (PSYOPS), and Civil Affairs (CA).

(j) Advises the commander on the regional considerations of Special Forces Operations in the operational environment based upon his cultural awareness, regional ability and linguistic skills.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Advises the Operational Detachment "B" Commander on all aspects of Special Forces Operations and Specialized Training.

(3) CW4 performs duties described in paragraph g(1)(c) and (e-j). Group.

(4) CW5—

(a) Performs duties described in paragraph g(1)(c) and (e-j).

(b) Develops, reviews, and updates the life cycle management process for Special Forces warrant officers.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-180A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-180A-2.* Standards of grade TDA.

### 8-31. Branch 21—Corps of Engineers

(Proponent: Engineer School) Organizes and manages personnel and organizations responsible for providing engineer support on the battlefield. Plans, organizes, and supervises maintenance and/or repair of equipment to support commanders in their real property maintenance activities (RPMA) and the maintenance of installed electrical power plants of a least 500 KW capacity, of up to three generators having a combined capacity of 500 to 7500 KW capacity and the installation and maintenance of high voltage electrical power lines. Provides topographic operations and planning support to include terrain information and analysis, terrain data and maps, and expedient topographic products to intelligence, weapon, command and control, and support systems. Manages training developments, prepares and presents instruction and written doctrine for Engineer Officers and Noncommissioned Officers.

### 8-32. Area of Concentration 210—Utilities Operation and Maintenance

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty provide technical expertise to operate, maintain, and repair the Army's utility systems.

### 8-33. Military Occupational Specialty 210A—Utilities Operation and Maintenance Technician

*a. Licensing/certification requirements.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 210A.* MOS 210A is an accession MOS. The enlisted feeder MOSs are 51B, 51H, 51K, 51R, 52C, 52D, 52G, and 52E.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 5—Power Systems Technician.

(3) 7—Parachutist.

(4) 8—Instructor.

(5) T—Transition (personnel only).

(6) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the Utilities Operations and Maintenance Technician Warrant Officer Basic Course.

(b) Have 20/20 correctable vision, normal color discrimination per AR 40-501 (for SQI 5 only), full use of upper and lower extremities, and have normal hearing per AR 40-501.

(c) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the Utilities Operation and Technician Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officers Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2—

(a) Develops and provides detailed input to the repair and maintenance of power generation equipment and provides input to command operating budgets.

(b) Supervises organizational maintenance of wheeled vehicles, mobile medical support equipment, and utility power plants found in the mobile hospitals.

(c) Supervises operations, repair, and maintenance of facilities and utilities found in a station hospital.

(d) Supervises the Fire Prevention Program and fire fighting efforts in station hospitals.

(e) Repairs, modifies, and rehabilitates utilities systems and sub-systems, facilities, structures, powerplants, station and mobile hospitals. Performs quality assurance for all work within assigned mission areas.

(f) Supervises preparation of log books, operating reports, malfunction reports, supply, and maintenance records.

(g) Prepares formal technical and administrative reports and correspondence.

(h) Supervises the installation, operation, and maintenance of high voltage transmission systems.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Supervises the repair of facilities water supply systems, plumbing, sewage, heating and air conditioning systems.

(c) Reads and interprets blueprints, engineering drawings, electrical wiring schematic diagrams, and specifications.

(d) Estimates construction material, equipment and personnel requirements for maintenance and repair of facilities, plants and utilities.

(e) Commands separate detachments performing theater prime power production missions.

(f) Supervises the installation, operation, and maintenance of high voltage transmission systems.

(g) Supervises repair and maintenance of pipeline equipment and utilities in a petroleum distribution command.

(h) Supervises interior and exterior repair of facilities, to include carpentry, masonry, plumbing, electrical and painting work.

(i) Supervises shop operations, policies and directs electricians and mechanics.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Supervises, manages and trains NATO civilians, U.S. and allied military personnel.

(c) Plans, directs, manages and supervises the operation, maintenance, repair, modification, overhaul and replacement of prime movers, boilers and all ancillary systems driving and controlling 14KV generators.

(d) Establishes priorities, standards, budget, materials, repair parts, vehicles, major end items, facilities, utilities, POL requirements, manpower, contracts, data and references required for accomplishing assigned missions.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Repairs and modifies utilities systems, subsystems and power plants.

(c) Manages, directs and supervises all field engineers (FE) and real property maintenance activities (RPMA) at a major NATO installation.

(d) Prepares and manages RPMA budget for installations and power plants.

(e) Briefs installation maintenance posture, infrastructure projects and status of CINC items of interest.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-210A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-210A-2.* Standards of grade TDA.

### 8-34. Area of Concentration 215—Graphics

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty is necessary to provide the technical expertise to support the Army's mapping, charting and geodetic operations.

### 8-35. Military Occupational Specialty 215D—Terrain Analysis Technician

*a. Licensing/certification requirements.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 215D.* MOS 215D is an accession MOS. The enlisted feeder MOSs is 81T.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) CW2 (WO1/CW2) must—

(a) Complete the Terrain Analysis Technician Warrant Officer Basic Course.

(b) Have a minimum of 175 seconds of arc visual stereoscopic acuity, and have 20/20 correctable vision and normal color perception in accordance with AR 40-501.

(c) Be a U.S. citizen.

(d) Be capable of possessing TOP SECRET clearance with authorized access to special intelligence.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the Terrain Analysis Technician Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2—

(a) Coordinates interprets, and analyzes terrain data, to include the effects of weather on terrain related capabilities/limitations of enemy and friendly ground forces.

(b) Designs and develops terrain analysis support graphics which will best meet the needs of combat and combat support units.

(c) Supervises the preparation of complex terrain factor overlays and special purpose graphics to be used as decision aids by commanders.

(d) Coordinates graphic and textual analyses and development, and supervises the preparation for limited dissemination.

(e) Identifies requirements to support terrain analysis projects.

(f) Analyzes the effects of weather factors affecting terrain mobility/usability for ground forces operation.

(g) Briefs Commanders at all levels on analysis results providing recommendations as appropriate.

(h) Develops automated and manual filing and documentation systems for appropriate Military Geographic Information (MGI).

(i) Develops procedures to efficiently store, retrieve, and process MGI expeditiously.

(j) Supervises the use of operation of computer-aided equipment in support of terrain analysis disciplines.

(k) Coordinates with Staff Weather Officer (SWO) all requirements for critical weather information.

(l) Knows topographic operations.

(m) Works with integrating topographic information with information specific to combined arms units, combined arms service support units, intelligence units, and supporting Air Force weather units.

(n) Coordinates the acquisition of data for mission specifications from supported units, civilian and governmental agencies (foreign and domestic).

(o) Analyzes information for assessing the military aspect of terrain and graphically portray that information in the form of reproducible complex terrain factor overlays in support of IPB.

(p) Analyzes the effects of weather on terrain operations.

(q) Prepares reports when performing analyses and identifying photographic features on aerial imagery.

(r) Prepares reports and graphics and operates both computer-aided and mechanical instruments supportive of terrain analysis requirements.

(s) Performs staff briefings/oral presentations at all levels of command.

(2) CW3—

(a) Performs duties described in paragraph i(1).

(b) Coordinates and reviews terrain analysis requirements within the theater.

(3) CW4 performs duties described in paragraph g(2).

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Develops new methods and equipment to be utilized in the topographic field.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-215D-1.* Standards of grade TOE/MTOE.

(2) *Table 8-215D-2.* Standards of grade TDA.

### 8-36. Branch 25—Signal Corps

(Proponent: Signal Center and School) Provides rapid and reliable

information systems to support the command and control of the Army's combat forces during both peace and war. Manages, plans, designs, engineers, installs, operates, and evaluates automation, communications, and visual information systems at all command levels within the Department of the Army and the Department of Defense. Provides transmission, switching, and control facilities for weapons systems, command and control systems, and combat service support systems. Provides maintenance support for all of the Army's Signal equipment. In support of division, corps, and theater combined arms operations, the Signal Corps installs, operates, a myriad of state-of-the-art voice, data, and record tactical communications systems including telephone, cable, switching, circuit control, high frequency radio, microwave, tropospheric scatter, and satellite. At the strategic level, Signal units engineer, install, and operate the Army's portion of the Defense Communications System and its interface with tactical communications elements at theater and corps. Together with its Air Force and Navy counterparts, the Signal Corps manages and directs the operation of the global defense automation, communications, and visual information systems serving the Department of Defense and National Command Authority.

### 8-37. Area of Concentration 250—Network Management

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for these specialties provide the Army with a source of expertise for the proper employment and support of strategic and tactical communications and automation networks.

### 8-38. Military Occupational Specialty 250A—Communications Security Technician

- a. *Licensing/certification requirement.* None.
- b. *Prerequisites.* DA Cir 601 series.
- c. *MOS 250A.* MOS 250A and 250A7 are accession MOSs. The enlisted feeder MOSs are 74C and 97G. MOSs 250A8 and 250AZ are nonaccession MOSs supported by officer first qualified in MOS 250A0.
  - d. *Associated SQI.*
    - (1) 0—No special qualifications.
    - (2) 7—Parachutist.
    - (3) 8—Instructor.
    - (4) T—Transition (personnel only).
    - (5) Z—Research, Development, Test, and Evaluation Technician.
  - e. *Associated ASI.*
    - (1) 6M—Mobilization and Demobilization Operations.
    - (2) 6P—Master Fitness Trainer.
  - f. *Qualifications.*
    - (1) WO1/CW2 must—
      - (a) Complete the Communications Security Technician Warrant Officer Basic Course including the Standardized COMSEC Custodian Course.
      - (b) Meet vision and hearing standards of AR 40-501 for assignment of officers to Signal Corps and have full use of both hands.
      - (c) Be a U.S. citizen. Qualify for a security clearance of SECRET.
    - (2) CW3 must—
      - (a) Meet qualifications described in paragraph f(1).
      - (b) Complete the Communications Security Technician Warrant Officer Advance Course.
    - (3) CW4 must—
      - (a) Meet qualifications described in paragraph f(2).
      - (b) Complete the Warrant Officer Staff Course (WOSC).
    - (4) CW5 must—
      - (a) Meet qualifications described in paragraph f(3).
      - (b) Successfully complete the Warrant Officer Senior Staff Course (WOSSC).
  - g. *Duties.*
    - (1) WO1/CW2—
      - (a) Manages personnel, equipment, and facility assets for the

operation of telecommunications and communications security activities.

- (b) Supervises personnel operating COMSEC equipment.
- (c) Ensures compliance with operational, administrative activities and assigns work to subordinates.
- (d) Plans, supervises and conducts training in all phases of telecommunications center and COMSEC operations.
- (e) Ensures proper communications discipline.
- (f) Supervises operation of COMSEC inventory control facilities.
- (g) Manages COMSEC procurement actions.
- (h) Develops new equipment fielding plans and O&O concepts, and manages COMSEC material distribution.
- (i) Assists units in the development of language for low level cryptosystems.
- (j) Acts as COMSEC advisor to the commander.
- (k) Develops operating procedures and analyzes and interprets technical data employed in the operation of AUTODIN switching centers.
  - (l) Ensures compliance with applicable security regulations.
  - (m) Assumes responsibility for the COMSEC account.
- (2) CW3—
  - (a) Performs duties described in paragraph g(1).
  - (b) Provides guidance and technical direction to subordinate operating elements.
- (3) CW4—
  - (a) Performs duties described in paragraph g(2).
  - (b) Provides guidance and technical direction to subordinate operating and staff elements.
- (4) CW5—
  - (a) Performs duties described in paragraph g(3).
  - (b) Oversees the MOS life cycle management for all personnel proponent functions for all Signal Corps warrant officer MOS.
- h. *Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:
  - (1) *Table 8-250A-1.* Standards of grade TOE/MTOE.
  - (2) *Table 8-250A-2.* Standards of grade TDA.

### 8-39. Military Occupational Specialty 250B—Tactical Automated Network Technician

- a. *Licensing/certification requirement.* None.
- b. *Prerequisites.* DA Cir 601 series.
- c. *MOS 250B.* MOSs 250B0 and 250B7 are accession MOSs. The enlisted feeder MOSs are 31F (with ASI V4 only), 31W (with ASI V4 only), or 74C (with ASI Z2 only). MOS 250B8 and 250BZ are nonaccession MOSs supported by officers first qualified in MOS 250B0.
  - d. *Associated SQI.*
    - (1) 0—No special qualifications.
    - (2) 7—Parachutist.
    - (3) 8—Instructor.
    - (4) T—Transition (personnel only).
    - (5) Z—Research, Development, Test, and Evaluation Technician.
  - e. *Associated ASI.*
    - (1) 3E—Satellite Communications System Repair Technician.
    - (2) 6M—Mobilization and Demobilization Operations.
    - (3) 6P—Master Fitness Trainer.
  - f. *Qualifications.*
    - (1) WO1/CW2 must—
      - (a) Complete the Tactical Automated Network Technician Warrant Officer Basic Course.
      - (b) Meet vision and hearing standards of AR 40-501 for assignment of officers to Signal Corps, have normal color discrimination per AR 40-501, and have full use of both hands.
      - (c) Be a U.S. citizen. Qualify for a security clearance of SECRET.
    - (2) CW3 must—
      - (a) Meet qualifications described in paragraph f(1).

(b) Complete the Tactical Automated Network Technician Warrant Officer Advance Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

g. *Duties.*

(1) WO1/CW2—

(a) Manages assets of personnel, equipment, and facilities for the operation of tactical automated network message, circuit, and data switching systems at battalion level (primarily, but not limited to, Mobile Subscriber Equipment (MSE)) and Tri-Service Tactical Communications (TRI-TAC) Block III.

(b) Advises commander and operations officer fully apprised of the status of the network and subnetworks.

(c) Serves as officer in charge of AN/TYC-39 Message Switch.

(d) Supervises personnel operating COMSEC equipment.

(e) Ensures compliance with operational, administrative, and physical security requirements for classified material.

(f) Plans, supervises, and conducts training in all phases of automated switching network management and operation.

(g) Manages key-variables for systems in his/her area of responsibility.

(h) Monitors key-variable status in network and subnetworks.

(i) Implements the operational aspects of the Automated Message Processing System Security Officer (AMPSSO) for an integrated General Service/Special Intelligence terminal or network.

(j) Implements procedures for detecting and reporting COMSEC insecurities.

(k) Uses automated network management tools, and supervises others in their use.

(l) Coordinates network troubleshooting and coordinates restoration of communications paths to maintain a robust network and subnetworks.

(m) Manages and monitors deployment, installation, activation, and movement of tactical communications facilities of the network and subnetworks.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Plans automated message, circuit, and data switching networks for a brigade or larger network.

(c) Manages assets of personnel, equipment and facilities to provide tactical automated network message, circuit, and data switching systems support to a corps area, including its subordinate divisions.

(d) Manages assets of personnel, equipment and facilities to provide tactical automated network message, circuit, and data switching systems support on an area basis to echelons above corps.

(e) Manages networks including, but not limited to, MSE, TRI-TAC, TRI-TAC Block III, Enhanced Position Location Reporting System (EPLRS), Joint Tactical Information Distribution System (JTIDS), their interfaces into commercial and strategic communications systems, and their interfaces at boundaries between and among divisions, corps, and echelons above corps.

(f) Performs AMPSSO functions and provides oversight of the AMPSSO program.

(g) Manages development of network databases.

(h) Manages key variables for the corps, directs key variable management of subordinate elements of the network and subnetworks, and manages recovery from key variable compromise.

(i) Plans, directs, and manages the deployment, installation, activation, and movement of communications facilities comprising the networks and subnetworks.

(j) Provides technical guidance and direction to subordinate operating elements.

(k) Identifies and resolves network problems.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Develops policy and provides guidance for management of corps networks.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Develops policy and provides guidance for management of theater networks.

h. *Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-250B-1.* Standards of grade TOE/MTOE.

(2) *Table 8-250B-2.* Standards of grade TDA.

### 8-39.1. Military Occupational Classification 250N— Network Management Technician

a. *Licensing/certification requirement.* None.

b. *Prerequisites.* DA Cir 601 series.

c. *MOS 250N.* MOSs 250N0 and 250N7 are accession MOSs. The enlisted feeder MOSs are 31F, 31W and 74C (associated with ASI Z2). Enlisted MOSs 31P, 31R and 31S are also considered feeder MOSs when holders have unique experience and assignments related to MOS 250N duties. MOSs 250N8 and 250NZ are nonaccession MOSs supported by officers first qualified in MOS 250N.

d. *Associated SQIs.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

e. *Associated ASIs.*

(1) 3E—Satellite Communications System Repair Technician.

(2) 6M—Mobilization and Demobilization Operations.

(3) 6P—Master Fitness Trainer.

f. *Qualifications.*

(1) WO1/CW2 must—

(a) Successfully complete the Network Management Technician Warrant Officer Basic Course (WOBC).

(b) Meet vision and hearing standards of AR 40-501 for assignment of officers to Signal Corps, normal color discrimination per AR 40-501, and have full use of both hands.

(c) Be a U.S. citizen. Qualify for a security clearance of TOP SECRET.

(2) CW3 must—

(a) Meet qualifications listed in paragraph f(1).

(b) Successfully complete the Network Management Technician Warrant Officer Advanced Course (WOAC).

(3) CW4 must—

(a) Meet qualifications listed in paragraph f(2).

(b) Successfully complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications listed in paragraph f(3).

(b) Successfully complete the Warrant Officer Senior Staff Course (WOSSC).

g. *Duties.*

(1) WO1/CW2—

(a) Manages assets of personnel, equipment, and facilities for the operation of message, circuit, and data switching networks at battalion level (primarily, but not limited to, Mobile Subscriber Equipment (MSE) and Tri-Service Tactical Communications (TRI-TAC) Block III).

(b) Advises the commander and operations officer of the status of network and subnetworks.

(c) Serves as the officer in charge of AN/TYC-39 Message Switch.

(d) Supervises personnel operating COMSEC equipment.

(e) Ensures compliance with operational, administrative, and physical security requirements for classified material.

(f) Plans, supervises, and conducts training in all phases of switching network management and operations.

(g) Manages key-variables for systems in his/her area of responsibility.

(h) Monitors key-variable status in network and subnetworks.

(i) Implements the operational aspects of the automated network.

(j) Implements procedures for detecting and reporting COMSEC insecurities.

(k) Uses automated network management tools and supervises others in their use.

(l) Coordinates network troubleshooting and restoration of communications paths to maintain robust network and subnetworks.

(m) Manages and monitors deployment, installation, activation, and movement of tactical communications facilities of the network and subnetworks.

(2) CM3—

(a) Performs duties described in paragraph g(1).

(b) Plans message, circuit, and data switching support for a brigade or larger network.

(c) Manages personnel, equipment, and facilities to provide message, circuit, and data switching networks supporting echelons above Corps.

(d) Manages networks including, but not limited to, MSE, TRI-TAC, TRI-TAC Block III, Enhanced Position Location Reporting Systems (EPLARS), Joint Tactical Information Distribution System (JTIDS), and their interfaces at boundaries between and among Division, Corps, and echelons above Corps.

(e) Performs AMPSSO functions and provides oversight of the AMPSSO program.

(f) Manages development of network databases.

(g) Manages key variables for the Corps, directs key variable management of subordinate elements of the network and subnetworks, and manages recovery from key variable compromise.

(h) Plans, directs, and manages the development, installation, activation, and movement of communications facilities comprising the networks and subnetworks.

(i) Provides technical guidance and direction to subordinate operating elements.

(j) Identifies and resolves network problems.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Develops policy and provides guidance for management of Corps networks.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Develops policy and provides guidance for management of theater networks.

*b. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-250N-1.* Standards of grade TOE/MTOE.

(2) *Table 8-250N-2.* Standards of grade TDA.

## **8-40. Area of Concentration 251—Data Processing Operations**

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty provides the Army with a source of ADP operational and programming expertise.

## **8-41. Military Occupational Specialty 251A—Data Processing Technician**

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 251A.* MOS 251A0 is an accession MOS. The enlisted feeder MOS is 74B. MOS 251A8 is a nonaccession MOS supported by officer first qualified in MOS 251A0.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.  
*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the Data Processing Technician Warrant Officer Basic Course.

(b) Meet vision and hearing standards of AR 40-501 for assignment of officers to Signal Corps and have full use of both hands.

(c) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the Data Processing Technician Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2—

(a) Manages personnel, facility, and equipment assets for an automatic data processing section, machine room, or other major division of an ADP unit.

(b) Conducts data systems analysis, designs or redesigns data systems, and develops computer programs.

(c) Supervises and coordinates activities of military and civilian personnel who operate electronic data processing machines.

(d) Conducts ADP system studies in broad subject field to include personnel, intelligence, transportation, supply, maintenance, and finance, applying established techniques to develop new systems or improve existing systems.

(e) Consults with staff officers and commanders to define priorities of tentative and continuing projects and allocates machine operating time to accomplish the mission.

(f) Develops work schedules (man, machine, and job) to meet all requirements.

(g) Directs training of personnel in operation of computers, their peripherals, and all off-line equipment.

(h) Works with programming personnel in testing new and revised programs.

(i) Develops operating methods or routines to modify input, output, or internal system formats.

(j) Directs, controls, and observes the flow of control data, programs, and input/output through the computer and computer area.

(k) Aids operators in locating and overcoming error conditions.

(l) Makes program and data input revisions through computer console to maintain operations.

(m) Reviews internal equipment utilization reports prepared by subordinates and prepares utilization reports in accordance with governing directives for submission to higher echelons.

(n) Performs functions associated with automation security such as Information Systems Security Officer.

(o) Advises the commander and staff on the tactical and technical deployment and utilization of ADP systems, hardware, software, and personnel.

(2) CW3—

(a) Performs the duties described in paragraph g(1).

(b) Provides technical guidance and direction to subordinate operating elements.

(3) CW4—

(a) Performs the duties described in paragraph g(2).

(b) Provides guidance and technical direction to subordinate operating and staff elements.

(4) CW5—

(a) Performs the duties described in paragraph g(3).

(b) Develops policy and guidance for management of Theater and MACOM automation networks and equipment.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2, W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

- (1) *Table 8-251A-1.* Standards of grade TOE/MTOE.
- (2) *Table 8-251A-2.* Standards of grade TDA.

#### **8-42. Branch 31—Military Police**

(Proponent: Military Police School) Manages criminal investigations and criminal investigation units in both the tactical and peacetime environment. Supports the Army at all command levels by planning, coordinating, and directing criminal investigations, crime prevention surveys, personal security operations, polygraph and crime laboratory support, and counter-terrorism activities. Responsible to detect and report on-going felony crime which could result in significant Army loss and reduced combat effectiveness.

#### **8-43. Area of Concentration 311—Criminal Investigation**

The skills and knowledge within this AOC are necessary to perform highly technical and scientific investigations to resolve and prevent felony and other crimes of Army interest.

#### **8-44. Military Occupational Specialty 311A—CID Special Agent**

*a. Licensing/certification.* AR 195-3.  
*b. Prerequisites.* AR 195-3 and DA Cir 601 series.  
*c. MOS 311A.* MOS 311A is an accession MOS. The enlisted feeder MOS is 95D.

*d. Associated SQI.*

- (1) 0—No special qualifications.
- (2) 7—Parachutist.
- (3) 8—Instructor.
- (4) K—Polygraph Examiner.
- (5) T—Transition (personnel only).
- (6) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

- (1) 6M—Mobilization and Demobilization Operations.
- (2) 6P—Master Fitness Trainer.
- (3) 9E—Senior Economic Crime Investigator.
- (4) 9M—Technical Intelligence Technician.

*f. Qualifications.*

(1) WO1/CW2 must—  
(a) Meet the qualifications outlined in AR 195-3 (paragraph 2-2), (Acceptance, Accreditation and Release of United States Army Criminal Investigation Command Personnel).

(b) Be accredited by the Commander, USACIDC, as required by AR 195-3.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the CID Warrant Officer Technical and Tactical Certification Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2 must—

(a) Investigate felony and other significant crime of Army interest as defined by regulations, military, and federal law.

(b) Plans, organizes, conducts, and supervises overt and covert investigations.

(c) Examines and processes crime scenes.

(d) Collects, preserves, and evaluates physical evidence for scientific examination by laboratories and use in judicial proceedings.

(e) Obtains and executes arrest and search warrants.

(f) Conducts raids and task force operations.

(g) Interviews and interrogates victims, witnesses, suspects, and subjects and obtain written statements executed under oath.

(h) Develops, evaluates, and manages informants and other sources of criminal intelligence.

(i) Represents the Army's interest in investigations conducted collaterally with the Department of Defense, Department of Justice, and other federal, state, and local investigative agencies.

(j) Maintains close working relationships with attorneys of the Staff Judge Advocate and the United States Attorney's Office, and testify at Courts-Martial, Federal District Court, and other judiciary tribunals.

(k) Writes, reviews, and approves technical investigative reports.

(l) Conducts and supervises technical surveys of Army elements and activities which analyze and detect on-going crime, and recommends actions to prevent crime which could result in significant economic loss and reduced combat effectiveness.

(m) Conducts personnel security vulnerability assessments for designated senior Army officials.

(n) Provides personnel security for designated Department of Defense executives, visiting foreign officials, and other key officials.

(o) Performs hostage negotiations.

(p) Supervises the technical performance of subordinate personnel in related job skills.

(2) CW3 must—

(a) Performs duties described in paragraph g(1).

(b) Supervises investigative case management and overall investigative operations.

(c) Provides technical guidance and direction to subordinate investigative units.

(3) CW4 performs duties described in paragraph g(2).

(4) CW5 must—

(a) Performs duties described in paragraph g(3).

(b) As the operations officer of an USACIDC Theater/Corps Support element is responsible for the operational administration and criminal investigation and crime intelligence support to combat commanders at all levels.

(c) Provides guidance and technical advise to subordinate investigative units or other staff elements.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-311A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-311A-2.* Standards of grade TDA.

#### **8-45. Branch 35—Military Intelligence**

(Proponent: Office Chief of Military Intelligence) Manages 13 Military Intelligence (MI) functions, all of which are oriented toward the acquisition and evaluation of information pertinent to the defense of the nation or the maintenance of electronic equipment used in the acquisition and evaluation of such information. The diversity of functions requires four subgroup of areas of concentration. The four AOCs are 350 (Military Intelligence); 351 (Human Intelligence); 352 (Signals Intelligence/Electronic Warfare); and 353 (Intelligence and Electronic Warfare Equipment Repair).

#### **8-46. Area of Concentration 350—Military Intelligence**

Although dissimilar in both qualifications and employment, occupations within this AOC include three MI warrant officer specialties. They are MOS 350B (All Source Intelligence Technician); MOS 350D (Imagery Intelligence Technician); and MOS 350L (Attache Technician). Performs duties, tactical and nontactical, brigade to echelons above corps (EAC), OCONUS embassy DoD support, and national and joint agencies.

#### **8-47. Military Occupational Specialty 350B—All Source Intelligence Technician**

*a. Licensing/certification.* None.

*b. Prerequisites.* DA Cir 601 series.

c. *MOS 350B*. *MOS 350B* is an accession *MOS*. The enlisted feeder *MOS* is 96B.

d. *Associated SQI*.

- (1) 0—No special qualifications.
- (2) 7—Parachutist.
- (3) 8—Instructor.
- (4) T—Transition (personnel only).
- (5) Z—Research, Development, Test, and Evaluation Technician.

e. *Associated ASI*.

- (1) 6M—Mobilization and Demobilization Operations.
- (2) 6P—Master Fitness Trainer.

f. *Qualifications*.

- (1) WO1/CW2 must—
  - (a) Complete the MI Warrant Officer Basic Course.

(b) Have normal color discrimination with corrected vision per one of the following three categories of the good eye, bad eye categories: 20/40-20/70; 20/30-20/100; or, 20/20-20/400.

(c) Have hearing wherein sound amplitude in one ear does not exceed 45 decibels at frequencies 250, 500, 1000, and 2000 SPS (HZ) or 65 decibels at frequency 4000.

(d) Be a U.S. citizen. Possess a security clearance of TOP Secret with eligibility for access to sensitive compartmental information (SCI).

- (2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the resident MI Warrant Officer Advanced Course.

- (3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

- (4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

g. *Duties*.

- (1) WO1/CW2—

(a) Develops order of battle data through the use of information accumulated from maps and intelligence information derived from a variety of sources.

(b) Makes reliability assessments of information received through comparison with previously evaluated information on hand.

(c) Maintains close liaison with other order of battle elements and specialized intelligence activities to include counterintelligence, imagery interpretation, interrogation, and language interpretation units.

(d) Ensures compliance with computer interface and operating procedures.

(e) Develops and maintains order of battle maps, overlays, and reports to provide complete and accurate intelligence information to users.

(f) Establishes and maintains files as a basis for information to support tactical decisions.

(g) Maintains current information concerning friendly and enemy forces to include identification, disposition, personalities, combat efficiency, and history.

(h) Develops and prepares enemy vulnerability studies and evaluates their significance for use in predicting probable enemy courses of action in terms of disposition, capabilities, and intentions.

(i) Supervises order of battle operations.

(2) CW3 performs duties described in paragraph g(1).

(3) CW4 performs duties described in paragraph g(2).

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Provides guidance and technical input of subordinate units and other staff elements.

h. *Grading and position titles*. Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

- (1) *Table 8-350B-1*. Standards of grade TOE/MTOE.

- (2) *Table 8-350B-2*. Standards of grade TDA.

## 8-48. Military Occupational Specialty 350D—Imagery Intelligence Technician

a. *Licensing/certification requirement*. None.

b. *Prerequisites*. DA Cir 601 series.

c. *MOS 350D*. *MOS 350D* is an accession *MOS*. The feeder *MOS* is 96D.

d. *Associated SQI*.

- (1) 0—No special qualifications.
- (2) 7—Parachutist.
- (3) 8—Instructor.
- (4) T—Transition (personnel only).
- (5) Z—Research, Development, Test, and Evaluation Technician.

e. *Associated ASI*.

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

(3) 9A—Defense Sensor Interpretation and Application Training Program Technician.

(4) 9N—Strategic Debriefing/Interrogator.

f. *Qualifications*.

- (1) WO1/CW2 must—

(a) Complete the MI Warrant Officer Basic Course.

(b) Have normal color discrimination with near vision corrected 20/20 (inches) standard Snellen and normal stereoscopic acuity, with or without correction.

(c) Have a hearing wherein sound amplitude in one ear does not exceed 45 decibels at frequencies 250, 500, 1000, and 2000 CPS (HZ) or 65 decibels at frequency 4000.

(d) Be a U.S. citizen. Possess a security clearance of TOP SECRET with eligibility for access to sensitive compartmented information (SCI).

- (2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the resident MI Warrant Officer Course.

- (3) CW3 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

- (4) CW4 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

g. *Duties*.

- (1) WO1/CW2—

(a) Provides technical expertise and manages activities engaged in imagery interpretation activities.

(b) Identifies changes of terrain, equipment locations, troop movements, or other information that contributes to intelligence.

(c) Identifies equipment by nomenclature and location to develop assessments of possible threat to U.S. forces.

(d) Develops summaries and prepares reports on imagery interpretation findings.

(e) Establishes and maintains files on imagery interpretation data, findings, records, and reports.

(f) Develops map overlays which reflect changed tactical information.

(g) Conducts intelligence briefings based on information obtained.

(h) Manages imagery exploitation elements in both tactical and strategic intelligence organizations. Supports the Army at command levels, normally corps and echelon above corps. In assignment to such units, the individuals would be involved in the exploitation of imagery, supervising, and training enlisted imagery interpreters.

- (2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Provides technical guidance and direction to subordinate imagery interpretation elements.

(c) Provides the technical background information needed to develop of new imagery intelligence systems.

(3) CW4 performs duties described in paragraph g(2).

- (4) CW4—

(a) Performs duties described in paragraph g(3).

(b) Provides guidance and technical input to subordinate imagery interpretation elements as well as other staff elements.

*h. Grading position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

- (1) *Table 8-350D-1.* Standards of grade TOE/MTOE.
- (2) *Table 8-350D-2.* Standards of grade TDA.

#### **8-49. Military Occupational Specialty 350L—Attache Technician**

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 350L.* MOS 350L is an accession MOS. The enlisted feeder MOS is 71L.

*d. Associated SQI.*

- (1) 0—No special qualifications.
- (2) 7—Parachutist.
- (3) 8—Instructor.
- (4) T—Transition (personnel only).
- (5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

- (1) 6M—Mobilization and Demobilization Operations.
- (2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the MI Warrant Officer Basic Course.

(b) Have normal color discrimination with corrected vision per one of the following three categories of the good eye, bad eye categories: 20/40-20/70; 20/30-20/100; or 20/20-20/400.

(c) Have hearing wherein sound amplitude in one ear does not exceed 45 decibels at frequencies 250, 500, 1000, and 2000 CPS (HZ) or 65 decibels at frequency 4000.

(d) Must be a U.S. citizen. Possess a security clearance of TOP SECRET with eligibility for access to Sensitive Compartmented Information (SCI).

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the resident MI Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2—

(a) Meets with foreign and U.S. visitors, guest, and government representatives ranging to the highest levels of government and civilian structure.

(b) Coordinates operations and operational support of the Defense attache Office.

(c) Applies regulations, directives, and procedures necessary for managing HUMINT collection operations.

(d) Correlates information regarding operational travel, fiscal matters, personnel and materiel resources, collection strategies, and HUMINT requirements into a tactical collection management plan.

(e) Advises the Defense Attache in matters encompassing Defense Intelligence Agency, Department of State, Army, Navy, Air Force, Marine Corps, and policies and procedures of other agencies in the operations and operational support arenas.

(f) Advises other Defense Attache Office personnel and visitors regarding matters of security, protocol, military courtesies, and public affairs.

(g) Reads, interprets, and prepares intelligence information reports, technical reports, electrical communications, and other data.

(h) Supervises U.S. and foreign support personnel.

(i) Authenticates budgets, purchase orders, obligation and liquidation documents, requests for supplies, and any other correspondence necessary to ensure office support.

(2) CW2—

(a) Performs duties described in paragraph g(1).

(b) Supervises all personnel and financial support of Army Attache personnel while in training and in the field; coordinates among Defense Intelligence Agency, DCSINT, and PERSCOM in administering the Division's programs in selecting, processing, nominating, training, and assigning Army commissioned officers, warrant officers, and enlisted personnel for the Defense Attache System; and maintains internal controls that ensure the proper management of resources.

(c) Develops and conducts the instruction of student personnel in Defense Attache Office operations and operational support.

(3) CW3—

(a) Performs duties described in paragraph g(2).

(b) Conducts inspections of both Defense Intelligence Agency internal elements and Defense Intelligence Agency military personnel, and investigations as directed by the Defense Intelligence Agency Inspector General.

(4) CW4—

(a) Performs duties described in paragraph g(3).

(b) Implements DCSINT, DA, INSCOM, and Commander, FSC policies regarding the administration of Army attache personnel.

(c) Coordinates policy with Defense Intelligence Agency and PERSCOM; supervises the activities of warrant officers, enlisted personnel, and DA civilians responsible for providing administrative, personnel management, military pay, and Army representative support for Army personnel serving in 90 countries who are affiliated with the Defense Attache Systems; and provides administrative management of the Army attache and support staff personnel procurement programs.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; W5 equals CW5. The grades are listed in the following standards of grade table:

(1) *Table 8-350L-1.* Standards of grade TOE/MTOE N/A.

(2) *Table 8-350L-2.* Standards of grade TDA.

#### **8-50. Area of Concentration 351—Human Intelligence**

More elements of commonality exist between the three specialties comprising this AOC than in AOC 350. Accordingly, selective cross training and utilization within AOC 351 are desirable during the latter stages of the warrant officer's career. The MOSs associated with AOC 351 are 351B (Counterintelligence); 351C (Area Intelligence); and 351E (Human Intelligence).

#### **8-51. Military Occupational Specialty 351B—Counterintelligence Technician**

*a. Licensing/certification requirement.* AR 381-14 for SQI W.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 351B.* MOS 351B is an accession MOS. The enlisted feeder MOS is 97B.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) K—Polygraph Examiner.

(5) T—Transition (personnel only).

(6) W—Technical Surveillance Countermeasure Technician.

(7) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

(3) 9N—Strategic Debrief/Interrogator.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the MI Warrant Officer Basic Course.

(b) Have normal color discrimination with corrected vision per

one of the following three categories of the good eye, bad eye categories: 20/40-20/70; 20/30-20/100; or, 20/20/400,

(c) Have hearing wherein sound amplitude in one ear does not exceed 45 decibels at frequencies 250, 500, 1000, and 2000 CPS (HZ) or 65 decibels at frequency 4000.

(d) Be a U.S. citizen. Possess a security clearance of TOP SECRET with eligibility for access to sensitive compartmented information (SCI).

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the resident MI Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

g. *Duties.*

(1) WO1/CW2—

(a) Conducts investigations/operations by applying sound judgement and analytical reasoning methods to detect and prevent acts of espionage, sabotage, and terrorism directed against Army activities.

(b) Supervises investigative a/operational and administrative personnel.

(c) Manages investigative/operational elements of varying size commensurate with skill and experience level.

(d) Prepares, reviews, and approves investigative/operational reports of investigations and inspections.

(e) Performs terrorism counteraction analysis and threat analysis.

(f) Investigates national security crimes of Army interest as defined by regulation, the UCMJ, or applicable U.S. Code.

(g) Conducts and supervises both overt and covert investigations.

(h) Supervises the technical performance of subordinate military and civilian personnel in related job skills.

(i) Develops, evaluates, and manages sources and informants of military intelligence.

(j) Develops and approves investigative plans.

(k) Obtains and executes arrest and search warrants in coordination with the Criminal Investigations Division or the FBI.

(l) Interviews and interrogates witnesses, suspects, and subjects, and obtains written statements executed under oath.

(m) Represents the Army's interests in investigations conducted collaterally with the Department of Defense, Department of Justice, and other federal, state, or local investigative agencies.

(n) Writes, reviews, and approves reports of investigation.

(o) Provides security and operations security advice and assistance to Army elements.

(p) Conducts threat analysis and vulnerability estimates.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Supervises all operations in field office.

(c) Manages counterintelligence elements that support all Army organizations and activities up to including the Chief of Staff, Army, Secretary of the Army, and the Secretary of Defense.

(3) CW4 performs duties described in paragraph g(2).

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Provides guidance and technical input to subordinate counterintelligence elements or other staff elements.

(c) Manages counterintelligence elements providing counterintelligence support to combat commanders up to and including Theater Army level.

h. *Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grade codes are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-351B-1.* Standards of grade TOE/MTOE.

(2) *Table 8-351B-2.* Standards of grade TDA.

## 8-52. Military Occupational Specialty 351C—Area Intelligence Technician

a. *Licensing/certification requirement.* AR 381-14 for ASI 9L.

b. *Prerequisites.* DA Cir 601 series.

c. *MOS 351C.* MOS 351C is not an accession MOS. There is not an enlisted feeder MOS.

d. *Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

e. *Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

(3) 9N—Strategic Debrief/Interrogator.

f. *Qualifications.*

(1) WO1/CW2 must—

(a) Complete the MI Warrant Officer Basic Course.

(b) Have normal color discrimination with corrected vision per one of the following three categories of the good eye, bad eye categories: 20/40-20/70; 20/30-20/100; or, 20/20-20/400.

(c) Have a hearing wherein sound amplitude in one ear does not exceed 45 decibels at frequencies 250, 500, 1000, and 2000 CPS (HZ) or 65 decibels at frequency 4000.

(d) Be a U.S. citizen. Possess a security clearance of TOP SECRET with eligibility for access to sensitive compartmented information (SCI).

(2) CW2 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the resident MI Warrant Officer Advanced Course.

(3) CW3 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW4 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

g. *Duties.*

(1) WO1/CW2— (see AR 614-114).

(2) CW3— (see AR 614-114).

(3) CW4— (see AR 614-114).

(4) CW5— (see AR 614-114).

h. *Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-351C-1.* Standards of grade TOE/MTOE.

(2) *Table 8-351C-2.* Standards of grade TDA.

## 8-53. Military Occupational Specialty 351E—Human Intelligence Collection Technician

a. *Licensing/certification requirements.* AR 381-14 for ASI 9L.

b. *Prerequisites.* DA Cir 601 series.

c. *MOS 351E.* MOS 351E is an accession MOS. The enlisted feeder MOS is 97E.

d. *Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

e. *Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

(3) 9N—Strategic Debrief/Interrogator.

f. *Qualifications.*

(1) WO1/CW2 must—

(a) Complete the MI Warrant Officer Basic Course.

(b) Have normal color discrimination with corrected vision per one of the following three categories of the good eye, bad eye categories: 20/40-20/70; 20/30-20/100; or 20/20-20/400.

(c) Have hearing wherein sound amplitude in one ear does not exceed 45 decibels at frequencies 250, 500, 1000 and 2000 CPS (HZ) or 65 decibels at frequency 4000.

(d) Be a U.S. citizen. Possess a security clearance of SECRET.

(e) Obtain an S/2, R/2 rating on the DLPT III examination as verified on DA Form 330 (Language Proficiency Question).

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the resident MI Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

g. *Duties.*

(1) WO1/CW2—

(a) Interprets, translates, and interprets as defined by regulation, the UCMJ and other applicable regulations and agreements.

(b) Conducts and supervises both tactical and strategic interrogation related duties.

(c) Supervises the technical performance of subordinate military and civilian personnel in related job skills.

(d) Develops and approves interrogation, documents translations, plans, and missions.

(e) Advises the support element on the best employment of interrogation assets.

(f) Coordinates with other intelligence and non-intelligence agencies in the performance of interrogation and debriefing duties.

(g) Writes, reviews, and approves interrogation reports which include document translations and limited technical intelligence reports.

(h) Performs language support in the form of translations or interpreter duties when required.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Provides technical guidance and direction to subordinate interrogation elements.

(c) Supervises all interrogation and debriefing, and document translation operations.

(d) Manages interrogation/debriefing and document translation elements throughout all levels of command within the U.S. Army and other agencies.

(3) CW4 performs duties described in paragraph g(2).

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Provides guidance and technical input to subordinate interrogator and debriefing elements or other staff elements.

(c) Manages interrogational/debriefing elements providing those skills supported from the level of combat commander to DOD level.

h. *Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-351E-1.* Standards of grade TOE/MTOE.

(2) *Table 8-351E-2.* Standards of grade TDA.

#### **8-54. Area of Concentration 352—Signals Intelligence/Electronic Warfare**

Must have a thorough knowledge of SIGINT/EW operations, techniques, and reporting procedures. Must demonstrate proficiency in collection management procedures, signal/antenna theory, and signals analysis. Must know principals, concepts, theory, and operations of SIGINT/EW activities of designated foreign countries. Manages, operates, maintains, and administers Army Intelligence

equipment or support activities while supervising the technical operations of teams, sections, platoons, detachments, and companies engaged in traffic analysis, cryptanalysis, electronic intelligence, mode analysis, voice intercept activities or communications intelligence, and EW.

#### **8-55. Military Occupational Specialty 352C—Traffic Analysis Technician**

a. *Licensing/certification requirement.* None.

b. *Prerequisites.* DA Cir 601 series.

c. *MOS 352C.* MOS 352C is an accession MOS. The enlisted feeder MOS is 98C.

d. *Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

e. *Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

(3) 9C—Tactical Exploitation of National Capabilities Operations Technician.

f. *Qualifications.*

(1) WO1/CW2 must—

(a) Complete the MI Warrant Officer Basic Course.

(b) Have normal color discrimination with corrected vision per one of the following three categories of the good eye, bad eye categories: 20/40-20/70; 20/30-20/100; or 20/20-20/400.

(c) Have hearing wherein sound amplitude in one ear does not exceed 45 decibels at frequencies 250, 500, 1000, and 2000 CPS (HZ) or 65 decibels at frequency 4000.

(d) Be a U.S. citizen. Possess a security clearance of TOP SECRET with eligibility for access to sensitive compartmented information (SCI).

(2) WO1/CW2 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the resident MI Warrant Officer Advanced Course.

(3) CW3 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW4 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

g. *Duties.*

(1) WO1/CW2 must—

(a) Manages personnel and equipment to collect, process, locate, identify, and analyze SIGINT/EW intercept.

(b) Performs reporting per SIGINT/EW directives to produce combat information and intelligence.

(c) Establishes priorities of intercept missions for acquisition of desired traffic.

(d) Prioritizes intercept missions for acquisition of desired traffic.

(e) Coordinates SIGINT/EW analytical projects.

(f) Advises and assists commanders and staff officer in formulating plans for SIGINT/EW activities.

(2) CW3 must—

(a) Performs duties described in paragraph g(1).

(b) Plans, organizes, coordinates activities, and supervises teams, sections, platoons, or other traffic analysis organizations.

(c) Assists R&D elements to develop collection, processing, location, identification, and analytical equipment.

(d) Fuses all source information into all source intelligence.

(3) CW4 performs duties described in paragraph g(2).

(4) CW5 must—

(a) Performs duties described in paragraph g(3).

(b) Provides guidance and technical input to subordinate elements or other staff elements.

(c) Ensures that doctrinal analytical procedures and techniques are taught at service schools and incorporated into doctrinal literature.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

- (1) *Table 8-352C-1.* Standards of grade TOE/MTOE.
- (2) *Table 8-352C-2.* Standards of grade TDA.

#### **8-56. Military Occupational Specialty 352D—Emitter Location/Identification Technician**

*a. Licensing/certification requirements.* None.  
*b. Prerequisites.* DA Cir 601 series.  
*c. MOS 352D.* MOS 352D is an accession MOS. The enlisted feeder MOS is 98D.  
*d. Associated SQI.*

- (1) 0—No special qualifications.
- (2) 7—Parachutist.
- (3) 8—Instructor.
- (4) T—Transition (personnel only).
- (5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

- (1) 6M—Mobilization and Demobilization Operations.
- (2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1\CW2 must—  
(a) Complete the MI Warrant Officer Basic Course.  
(b) Have normal color discrimination with corrected vision per one of the following three categories of the good eye, bad eye categories: 20/40-20/70; 20/30-20/100; or 20/20-20/400.

(c) Have hearing wherein sound amplitude in one ear does not exceed 45 decibels at frequencies 250, 500, 1000 and 2000 CPS (HZ) or 65 decibels at frequency 4000.

(d) Be a U.S. citizen. Possess a security clearance of TOP SECRET with eligibility for access to sensitive compartmented information (SCI).

(2) CW2 must—

- (a) Meet qualifications described in paragraph f(1).
  - (b) Complete the resident MI Warrant Officer Advanced Course.
- (3) CW3 must—  
(a) Meet qualifications described in paragraph f(2).  
(b) Complete the Warrant Officer Staff Course (WOSC).
- (4) CW4 must—  
(a) Meet qualifications described in paragraph f(3).  
(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2 must—

(a) Manages personnel and technical equipment assets engaged in establishment and employment of ELI activities operating or being prepared for operation in a communications/electronics intelligence environment.

(b) Performs site surveys incidental to ELI equipment deployment.

(c) Supervises installation, calibration, adjustment, and testing of ELI equipment.

(d) Supervises installation, calibration, adjustment, and testing of ELI equipment.

(e) Analyzes and evaluates the effectiveness of ELI techniques.

(f) Supervises the operation of communications and cryptologic equipment in support of ELI operations.

(2) CW3 must—

(a) Performs duties described in paragraph g(1).

(b) Provides technical guidance and direction to subordinate ELI elements.

(c) Advisor to members of allied forces using U.S. Army ELI equipment or supporting the intelligence activities of the U.S. Army.

(3) CW4 performs duties described in paragraph g(2).

(4) CW5 must—

(a) Performs duties described in paragraph g(3).

(b) Advises the commander or staff officers on the development,

employment, deployment, and utilization of ELI assets and techniques.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

- (1) *Table 8-352D-1.* Standards of grade TOE/MTOE.
- (2) *Table 8-352D-2.* Standards of grade TDA.

#### **8-57. Military Occupational Specialty 352G—Voice Intercept Technician**

*a. Licensing/certification requirements.* None.  
*b. Prerequisites.* DA Cir 601 series.  
*c. MOS 352G.* MOS 352G is an accession MOS. The enlisted feeder MOS is 98G.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

(3) 9N—Strategic Debriefing/Interrogator.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the MI Warrant Officer Basic Course.

(b) Have normal color discrimination with corrected vision per one of the following three categories of the good eye, bad eye categories: 20/40-20/70; 20/30-20/100; or 20/20-20/400.

(c) Have hearing wherein sound amplitude in one ear does not exceed 45 decibels at frequencies 250, 500, 1000 and 2000 CPS (HZ) or 65 decibels at frequency 4000.

(d) Be a U.S. citizen. Possess a security clearance of TOP SECRET with eligibility for access to sensitive compartmented information (SCI).

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the resident MI Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW4 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2 must—

(a) Conducts, manages, and gives operational direction IEW personnel and equipment.

(b) Performs site selection of OPSEC quality control for deployed EW assets.

(c) Ensures voice intercept operators follow established procedures and techniques.

(d) Supervises intercept, transcription, and translation of designated foreign communications.

(e) Advises commanders and staff officers on the employment, deployment, and utilization of voice intercept personnel.

(f) Defines and advises the commanders on language problem area.

(2) CW3 must—

(a) Performs duties described in paragraph g(1).

(b) Directs the operational functions for voice intercept organizations.

(c) Acts as a technical liaison between echelons of command.

(d) Develops and coordinates projects involving EW personnel and equipment.

(3) CW4 must—

(a) Performs duties described in paragraph g(2).

(b) At the Intelligence Center will function as a Senior Faculty

Advisor, Course developer and mentor for Warrant Officer students in MI MOS.

(4) CW5 must—

(a) Performs duties described in paragraph g(3).

(b) Provides guidance and technical advice concerning COMINT matters to the senior staff at Theater Army of national level.

(c) Provides guidance concerning language training, voice intercept training, and technical maintenance skills to EW personnel.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-352G-1.* Standards of grade TOE/MTOE.

(2) *Table 8-352G-2.* Standards of grade TDA.

### **8-58. Military Occupational Specialty 352H—Morse Intercept Technician**

*a. Licensing/certification requirements.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 352H.* MOS 352H is an accession MOS. The enlisted feeder MOS is 98H.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the MI Warrant Officer Basic Course.

(b) Have normal color discrimination with corrected vision per one of the following three categories of the good eye, bad eye categories: 20/40-20/70; 20/30-20/100; or 20/20-20/400.

(c) Have hearing wherein sound amplitude in one ear does not exceed 45 decibels at frequencies 250, 500, 1000 and 2000 CPS (HZ) or 65 decibels at frequency 4000.

(d) Be a U.S. citizen. Possess a security clearance of TOP SECRET with eligibility for access to sensitive compartmented information (SCI).

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the resident MI Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW4 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2 must—

(a) Manages the personnel and technical assets of INSCOM intercept/EW activities.

(b) Coordinates, plans, and supervises personnel engaged in intercept activity.

(c) Advises commander on employment and deployment.

(d) Conducts training of and employment of Morse intercept equipment and personnel.

(e) Establishes work schedules and evaluates training and performance of personnel.

(f) Conducts a continual training program to ensure Morse personnel are adept at their MOS.

(g) Advises the commander and staff officers on employment and deployment of Morse intercept operations.

(h) Conducts studies, analysis, and evaluation of collection evaluation at strategic site statistics and presents results to commander.

(2) CW3 must—

(a) Performs duties described in paragraph g(1).

(b) Performs continuous evaluation of Morse operations at either strategic or tactical areas of assignment.

(c) Supervises application of Traffic Analysis, cryptanalysis, and collection strategies in INSCOM fixed collection sites.

(d) Serves in the Resource Management Activity of an intercept site and affords the commander a viable reporting, operation analysis of how his intercept assets are being used.

(3) CW4 must performs duties described in paragraph g(2).

(4) CW5 performs duties described in paragraph g(3).

*h. Grading and positions.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-352H-1.* Standards of grade TOE/MTOE.

(2) *Table 8-352H-2.* Standards of grade TDA.

### **8-59. Military Occupational Specialty 352J—Emanations Analysis Technician**

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 352J.* MOS 352J is an accession MOS. The enlisted feeder MOS is 98J.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

(3) 9X—Tactical Exploitation Capabilities Operations Technician.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the MI Warrant Officer Basic Course.

(b) Have normal color discrimination with corrected vision per one of the following three categories of the good eye, bad eye categories: 20/40-20/70; 20/30-20/100; or 20/20-20/400.

(c) Have hearing wherein sound amplitude in one ear does not exceed 45 decibels at frequencies 250, 500, 1000 and 2000 CPS (HZ) or 65 decibels at frequency 4000.

(d) Must be a U.S. citizen. Possess a security clearance of TOP SECRET with eligibility for access to Sensitive Compartmented Information (SCI).

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the resident MI Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2 must—

(a) Manages personnel and technical assets engage in intercept and analysis of noncommunications electromagnetic emissions.

(b) Plans, organizes, and supervises establishment and operation of facilities and units engaged in electronic intelligence activities.

(c) Selects sites for tactical noncommunications intercept/analysis equipment.

(d) Ensure ELINT operators and analysts follow established procedures, techniques, and analytical procedures in the intercept and interpretation of electromagnetic signals.

(e) Advises commander and staff on employment, deployment, and utilization of noncommunications intercept/processing equipment, operators and analysts.

(f) Conducts training programs for noncommunications intercept operators and analysts.

(2) CW3 must—

(a) Performs duties described in paragraph g(1).

(b) Plans, organizes, coordinates activities, and supervises teams, sections, platoons, or other noncommunications analysis organizations.

(c) Assists R&D elements in the development of collection, processing, location, identification, and analytical equipment.

(d) Fuses all-source information into intelligence information.

(3) CW4 performs duties described in paragraph g(2).

(4) CW5 must—

(a) Performs duties described in paragraph g(3).

(b) Provides guidance and technical input to subordinate elements or other staff elements.

(c) Ensure doctrinal analytical procedures and techniques are taught and incorporated into doctrinal literature.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-352J-1.* Standards of grade TOE/MTOE.

(2) *Table 8-352J-2.* Standards of grade TDA.

### 8-60. Military Occupational Specialty 352K—Non-Morse Intercept Technician

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 352K.* MOS 352K is an accession MOS. The enlisted feeder MOS is 98K.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the MI Warrant Officer Basic Course.

(b) Have normal color discrimination with corrected vision per one of the following three categories of the good eye, bad eye categories: 20/40-20/70; 20/30-20/100; or 20/20-20/400.

(c) Have hearing wherein sound amplitude in one ear does not exceed 45 decibels at frequencies 250, 500, 1000 and 2000 CPS (HZ) or 65 decibels at frequency 4000.

(d) Be a U.S. citizen. Possess a security clearance of TOP SECRET with eligibility for access to sensitive compartmented information (SCI).

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the resident MI Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2 must—

(a) Manages personnel and equipment assets in establishment and employment of non-Morse intercept activities.

(b) Plans, coordinates, and supervises activities of personnel engaged in these operations, establishes work schedules and priorities, and evaluates performance of subordinates.

(c) Coordinates collection activities with applicable traffic analysis and cryptanalysis personnel.

(d) Plans and coordinates procedures for the performance of maintenance calibration, adjustment, and test of non-morse intercept personnel and equipment.

(e) Establishes, directs, and evaluates qualification training programs for non-Morse operations.

(2) CW3 must—

(a) Performs duties described in paragraph g(1).

(b) Provides technical guidance and direction to subordinate intelligence elements.

(c) Utilizes of non-Morse personnel and equipment by the allocations of all non-Morse resources.

(d) Manages non-Morse related SIGINT systems to ensure cost and technically effective life-cycle training support is planned and provided for these systems.

(3) CW4 performs duties described in paragraph g(2).

(4) CW5 must—

(a) Performs duties described in paragraph g(3).

(b) Provides guidance and technical input to subordinate units and other intelligence activities and staff elements.

(c) Manages non-Morse resources to the best possible utilization and provides guidance to DA on its use.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-352K-1.* Standards of grade TOE/MTOE.

(2) *Table 8-352K-2.* Standards of grade TDA.

### 8-61. Area of Concentration 353—Intelligence and Electronic Warfare (IEW) Systems Maintenance Technician

The 353A IEW Systems Maintenance Technician is the only MOS within this AOC. A thorough knowledge of electronic theory, electronic warfare (EW) equipment, intercept equipment, electronics and maintenance shop and general supply procedures are required. Equipment systems range from manpack units to huge, fixed station special purpose systems, thus requiring diversity of detailed knowledge and the capacity for correlating the results of various diagnostic procedures.

### 8-62. Military Occupational Specialty 353A—IEW Systems Maintenance Technician

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 352A.* MOS 352A is an accession MOS. The enlisted feeder MOSs are 33M, 33P, 33Q, 33R, 33T, and 33V.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the MI Warrant Officer Basic Course.

(b) Have normal color discrimination with corrected vision per one of the following three categories of the good eye, bad eye categories: 20/40-20/70; 20/30-20/100; or 20/20-20/400.

(c) Have hearing wherein sound amplitude in one ear does not exceed 45 decibels at frequencies 250, 500, 1000 and 2000 CPS (HZ) or 65 decibels at frequency 4000.

(d) Be a U.S. citizen. Possess a security clearance of TOP SECRET with eligibility for access to sensitive compartmented information (SCI).

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the resident MI Warrant Officer Advanced Course.

- (3) CW4 must—
  - (a) Meet qualifications described in paragraph f(2).
  - (b) Complete the Warrant Officer Staff Course (WOSC).
- (4) CW5 must—
  - (a) Meet qualifications described in paragraph f(3).
  - (b) Complete the Warrant Officer Senior Staff Course (WOSSC).
- g. *Duties.*
  - (1) WO1/CW2 must—
    - (a) Manages EW/I equipment maintenance activities at organizational, direct support, and general support levels.
    - (b) Manages the EW/I maintenance training program, the prescribed load list, repair parts stockpile levels, and the essential repair parts stockage list (ERPSL).
    - (c) Manages and supervises maintenance and supply personnel.
    - (d) Manages the Equipment Improvement Report (EIR) Program and Quality Assurance (QA) Program.
    - (e) Monitors the modification work order program and ensures the work is completed.
    - (f) Monitors maintenance requests and the maintenance request register.
    - (g) Monitors supply/parts requisitions and the document register.
    - (h) Monitors historical records as required. Assists in the preparation of/or prepares the material readiness report.
    - (i) Writes/revises the standing operating procedures (SOP).
    - (j) Establishes workload procedures.
  - (2) CW3 must—
    - (a) Performs duties described in paragraph g(1).
    - (b) Serves as an EW/I maintenance officer in aerial exploitation battalions, maintenance assistance and instruction team (MAIT) chief, and as a service school chief instructor.
  - (3) CW4 performs duties described in paragraph g(2).
  - (4) CW5 must—
    - (a) Performs duties described in paragraph g(3).
    - (b) Advises the commander and staff of overall maintenance operations and support requirements for mission equipment.
    - (c) Plans, coordinates, and manages the installation maintenance training of all intercept systems.
    - (d) Manages the overall maintenance effort.
    - h. *Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:
      - (1) *Table 8-353A-1.* Standards of grade TOE/MTOE.
      - (2) *Table 8-353A-2.* Standards of grade TDA.

### 8-63. Branch 42—Adjutant General

(Proponent: Adjutant General School) Manages Army military personnel systems and Army bands. Supports the Army mission at all command levels through system design, development and operation. Develops system refinements to meet present and future mission requirements. Applies Army policy and procedural doctrine. Designs and develops force structure.

### 8-64. Area of Concentration 420—Personnel

There are two warrant officer specialties within this AOC. The skills and knowledge required to qualify for these specialties are those necessary to manage Army military personnel systems and Army bands.

### 8-65. Military Occupational Specialty 420A—Military Personnel Technician

- a. *Licensing/certification requirement.* None.
- b. *Prerequisites.* DA Circular 601 series.
- c. *MOS 420A.* MOS 420A is an accession MOS. The enlisted feeder MOSs are those in the MOS 75 series.
- d. *Associated SQI.*
  - (1) 0—No special qualifications.
  - (2) 7—Parachutist.
  - (3) 8—Instructor.

- (4) T—Transition (personnel only).
- (5) Z—Research, Development, Test, and Evaluation Technician.
  - e. *Associated ASI.*
    - (1) 6M—Mobilization and Demobilization Operations.
    - (2) 6P—Master Fitness Trainer.
  - f. *Qualifications.*
    - (1) WO1/CW2 must—
      - (a) Complete the Military Personnel Technician Warrant Officer Basic Course.
      - (b) Be a U.S. citizen. Qualify for a security clearance of SECRET.
    - (2) CW3 must—
      - (a) Meet qualifications described in paragraph f(1).
      - (b) Complete the Military Personnel Technician Warrant Officer Advance Course.
    - (3) CW4 must—
      - (a) Meet qualifications described in paragraph f(2).
      - (b) Complete the Warrant Officer Staff Course (WOSC).
    - (4) CW5 must—
      - (a) Meet qualifications described in paragraph f(3).
      - (b) Complete the Warrant Officer Senior Staff Course (WOSSC).
    - g. *Duties.*
      - (1) WO1/CW2 must—
        - (a) Manage the personnel readiness management system at assigned command level.
        - (b) Manage the personnel information management system at assigned command level.
        - (c) Manage the personnel accounting and strength reporting system at assigned command level.
        - (d) Manage the casualty information management system at assigned command level.
        - (e) Manage the personnel replacement system at assigned command level.
        - (f) Manage the awards and decorations program at assigned command level.
        - (g) Manage the military personnel evaluations systems at assigned command level.
        - (h) Manage the officer and enlisted promotion systems at assigned command level.
        - (i) Manage the identification documents control and issuance function at assigned command level.
        - (j) Monitor and serve as functional proponent for the leaves and passes program at assigned command level.
        - (k) Manage the line of duty investigation program at assigned command level.
        - (l) Manage the officer procurement program at assigned command level.
        - (m) Manage the officer and enlisted transfer and separation programs at assigned command level.
        - (n) Manage the personnel aspects of the soldier readiness program.
        - (o) Manage the processing of miscellaneous soldier generated personnel actions.
      - (2) CW3 must—
        - (a) Performs duties described in paragraph g(1).
        - (b) Performs warrant officer duties at higher command levels.
        - (c) Performs personnel staff officer duties in TOE units and on major command and major subordinate command staffs.
      - (3) CW4 must—
        - (a) Performs duties described in paragraph g(2).
        - (b) Performs personnel duties at the Combined Arms Command, U.S. Army Recruiting Command, and the U.S. Total Army Personnel Command.
      - (4) CW5 must—
        - (a) Performs duties described in paragraph g(3).
        - (b) Performs personnel duties at MACOM, U.S. Total Personnel Command, and the Warrant Officer Career Center.
      - h. *Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/

CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

- (1) *Table 8-420A-1*. Standards of grade TOE/MTOE.
- (2) *Table 8-420A-2*. Standards of grade TDA.

#### **8-66. Military Occupational Specialty 420C—Bandmaster**

*a. Licensing/certification requirements.* None.  
*b. Prerequisites.* DA Circular 601 series.  
*c. MOS 420C.* MOS 420C is an accession MOS. The enlisted feeder MOSs are in CMF 97.

*d. Associated SQI.*

- (1) 0—No special qualifications.
- (2) 7—Parachutist.
- (3) 8—Instructor.
- (4) T—Transition (personnel only).
- (5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

- (1) 6M—Mobilization and Demobilization Operations.
- (2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(b) Complete the Bandmaster Warrant Officer Basic Course.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2—

(a) Conduct or lead instrumental musical groups, including concert bands, marching bands, and dance bands in support of official military and civilian ceremonies and functions.

(b) Select music to accommodate abilities of musical groups and appropriate for performance to be given.

(c) Direct groups at rehearsals and performances to achieve desired musical effects, using conducting technique, technical knowledge, and talents of individual performers.

(d) Transcribe or adapt musical compositions for use by an Army band musical group.

(e) Participate in domestic and overseas civilian and military community relations functions representing the U.S. Army or the United States at the highest national and international levels.

(f) Provide subject matter expertise on military traditions, ceremonies, and music to the command assigned.

(2) CW3 performs duties described in paragraph g(1).

(3) CW4 performs duties described in paragraph g(2).

(4) CW5 performs duties described in paragraph g(3).

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-420C-1*. Standards of grade TOE/MTOE.

(2) *Table 8-420C-2*. Standards of grade TDA.

#### **8-67. Branch 55—Judge Advocate General's Corps**

(Proponent: The Judge Advocate General) Manages administrative aspects of the delivery of total legal services to the Department of the Army and its members. Provides technical advice and assistance to judge advocates, DA civilian attorneys, commanders and staff, and enlisted and civilian legal support personnel in all areas of legal administration.

#### **8-68. Area of Concentration 550—Legal Administration**

Must have substantial knowledge and formal military or civilian equivalent education and/or experience in military administrative and legal procedures. Must be highly motivated, possess tact, initiative, and mature judgement. Must be able to communicate clearly both orally and in writing. Manages administrative aspects of delivery of total legal services to the Department of the Army and its members. Is chief of administration of an Army legal office or activity, primarily at a headquarters exercising general court-martial jurisdiction or a major command. Manages subordinate personnel, budget, facilities, and equipment required to support legal services provided at various organizational levels.

#### **8-69. Military Occupational Specialty 550A—Legal Administrator**

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 550A.* MOS 550A is an accession MOS. The enlisted feeder MOS is 71D.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the Legal Administrator Warrant Officer Basic Course.

(b) Complete the Judge Advocate General's School resident Legal Administrators Course.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2—

(a) Manages overall military and civilian administrative functions of an Army Legal Office.

(b) Directs Office of the Staff Judge Advocate Information Management functions such as correspondence, telecommunications, records management, automation, reprographics, micrographics, forms, printing and publications and visual aids.

(c) Directs training of personnel in operation of computers, peripherals, and all off-line equipment.

(d) Analyzes legal operations to determine where automated systems will enhance legal services.

(e) Reviews internal automated legal research utilization reports.

(f) Is Chief Paralegal Administrator for Administrative Law, Claims, Criminal Law, Legal Assistance, International Law (where applicable), and administrative support services of either a Staff Judge Advocate office of a headquarters having general court-martial jurisdiction, or Staff Judge Advocate of a major command.

(g) Evaluates management data to determine how to maximize existing legal support, resources, improve effectiveness and efficiency of operations, management, and training.

(h) Develops and prepares reports pertaining to manpower staffing and utilization programs, manpower survey documents, and organization studies for legal services systems.

(i) Develops fiscal requirements, executes program budget guidance, authenticates funding obligations, and monitors all such requirements.

(j) Implements Army Law Library service policies, procedures, and systems.

(k) Authenticates legal and administrative documents.

(l) Reviews and develops technical correspondence and reports.

(m) Provides procedural instruction and guidance to or advises legal officers, commanders and staff, and senior legal noncommissioned officers in comprehensive legal technical areas.

(n) Ensures technical procedures are complied with in preparation of legal and administrative documents.

(o) Performs legal research, drafts documents, memoranda, and administrative opinions.

(p) Coordinates legal ADP communications in a tactical environment.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Provides guidance and technical assistance to subordinate legal elements and/or other staff elements.

(3) CW4 performs duties described in paragraph g(2).

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Responsible for MOS proponency and career management functions.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-550A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-550A-2.* Standards of grade TDA.

## **8-70. Branch 60—Medical Corps**

(Proponent: Office of The Surgeon General) Provides health care and performs administrative duties in medical treatment facilities as assigned by supervisor. Provides for preparation of reports and records including entries in clinical record forms and maintenance of records relating to patient care. Supervises, or assists in supervising enlisted specialists and comparable civilian employees in use, care, maintenance, and economy of medical supplies and equipment. Organizes and conducts training of enlisted specialists and appropriate civilian personnel in technical aspects of patient care and treatments.

## **8-71. Area of concentration 600—Health Care Delivery**

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty provide technical assistance to the Army's health care program.

## **8-72. Military Occupational Specialty 600A—Physician Assistant**

(For personnel only during transition period (Active Component—4 December 1996, Reserve Component—4 December 2001)). Refer to AOC 65D for additional information.

*a. Duties.*

(1) Warrant officer—

(a) Knows role of The Surgeon General, medical facilities, and personnel in providing medical support to the military community.

(b) Provides limited primary and specialized care of the sick and wounded under the guidance and supervision of a physician to all categories of patients (active duty), family members, and retired. Orders appropriate diagnostic X-ray and laboratory procedures to support or aid in diagnosis and treatment plan.

(c) Interviews patients to collect historical personal and health data to compile comprehensive medical histories. Examines, diagnoses, and treats or prescribes courses of treatment and medications for sick and wounded personnel in troop medical clinics, field units, fixed outpatient clinics, or other medical treatment facilities. Interprets information in health records for application to current condition.

(d) Knows channels for consultation and referral of patients requiring special procedures or a physician's evaluation.

(e) Understands basic epidemiologic principles involved in the

transmission of disease. Recognizes or suspects infectious diseases, and knows the control, prevention, and reporting actions that are immediately necessary.

(f) Provides initial treatment for organic confusional states, suicidal states, alcoholism, and drug dependency behavior, and emotional disorders.

(g) Classifies patients in accordance with their ailments and sets priorities for their evacuation when necessary. In the absence of a physician, is the primary source of advice to determine the medical necessity, priority, and requirements for patient evacuation. Knows types and methods of medical evacuation available and has the ability to prioritize and prepare patients for evacuation by the most appropriate means.

(h) Organizes, instructs, and supervises enlisted soldiers and civilian personnel in first aid, personal hygiene, field sanitation, heat and cold injury, drug abuse, other health hazards, and the technical aspects of patient care and treatment.

(i) Supervises preparation of reports pertaining to medical activities. Operates equipment routinely used in care and treatment of patients.

(j) Supervises preventive medical programs to prevent potential zoonotic and foodborne diseases. Conserves health of personnel by application of diversified knowledge of diagnostic, therapeutic, and surgical procedures.

(k) Performs routine periodic medical examinations, as required in AR 40-501 (para 3-2b) on individuals in the Personnel Reliability Program (PRP) (See AR 40-48, chap 3, para 3-2g).

(2) CW4—

(a) Performs the duties described for Warrant Officer level in paragraph a(1) above.

(b) Provides technical guidance and direction to warrant officer level Physician Assistants.

(c) Manages subordinate personnel, facilities, and equipment required to staff and operate troop clinics, or other military activities and organizations. As clinic OIC, directs the technical aspects of enlisted medical personnel or appropriate civilian medical personnel. As a staff officer, provides medical advice on health and welfare of troops to commander.

(3) CW5—

(a) Performs the duties described for the Senior Warrant Officer in paragraph a(2) above.

(b) Responsible for providing guidance and technical input to subordinate elements or other staff elements.

(c) Instructs, develops, conducts, or supervises the instruction of students.

(d) Performs the duties of Career Management or Consultant to The Surgeon General at the DA staff level.

*b. Restrictions.* Physician Assistants will not be assigned non-medical duties of any type other than those for which specifically trained. Duties, supervision, use, functions, and credentialing of physician assistants are further described in AR 40-48 (chap 3) and any deviation requires approval of The Surgeon General, Department of the Army.

## **8-73. Branch 64—Veterinary Corps**

(Proponent: Office of The Surgeon General) The Veterinary Corps (VC) is a special branch of the Army organized under the Army Medical Department (AMEDD) that serves as the DoD executive agent for worldwide military veterinary services. It is composed of commissioned officers that are graduates of schools of veterinary medicine accredited by the Council of Education of the American Veterinary Medical Association and warrant officers possessing MOS 640A. The Veterinary Corps encompasses those positions in which the knowledge and skills required and the services performed are associated with the prevention of human illness from food or animal sources, the wholesomeness and quality of subsistence, the health and welfare of animals, and experimental and comparative biomedical research involving animals.

## **8-74. Area of Concentration 640—Veterinary Services**

There is one warrant officer specialty within this AOC. The skills

and knowledge required to qualify for this specialty include the disciplines of food safety, sanitation, food science and technology, and quality engineering. Warrant officers within this AOC provides the technical expertise and continuity necessary to ensure the safety and quality of: operational rations procured for DOD; wholesale troop issue stocks procured for the Defense Logistics Agency; Service-owned stocks procured to support Army/Navy/Marine Corps garrison and operational troop feeding requirements; food procured for the Defense Commissary Agency; and food procured for Exchange Service and Morale, Welfare and Recreation (MWR) Fund Activities of the Army/Navy/Marine Corps.

### 8-75. Military Occupational Specialty 640A—Veterinary Services Technician

- a. Licensing/certification requirement.* None.
- b. Prerequisites.* DA Cir 601 series.
- c. MOS 640A.* MOS 640A is an accession MOS. The enlisted feeder MOS is 91R. MOS, Grade, and Time-in-Service prerequisites can be waived if the applicant has a BS or MS degree in one of these specialties: Food Science, Food Technology, Food Chemistry, Food Microbiology, Meat Science, Poultry Science, Dairy Science, Quality Assurance, Quality Engineering, Public Health, Environmental Health, or Environmental Sanitation.
- d. Associated SQI.*
- (1) 0—No special qualifications.
  - (2) 7—Parachutist.
  - (3) 8—Instructor.
  - (4) T—Transition (personnel only).
  - (5) Z—Research, Development, Test, and Evaluation Technician.
- e. Associated ASI.*
- (1) 6M—Mobilization and Demobilization Operations.
  - (2) 6P—Master Fitness Trainer.
- f. Qualifications.*
- (1) WO1/CW2 must—
    - (a) Complete the Veterinary Services Technician Warrant Officer Basic Course.
    - (b) Complete the Warrant Officer Advanced Course (Phase 1).
    - (c) Must have tact, diplomacy, and similar person qualities which instill confidence and uphold the honesty and integrity of the Army Veterinary Service.
    - (d) Have 20/20 correctable vision, normal color discrimination per AR 40-501, full use of both hands, and a keen sense of smell.
  - (e) Be a U.S. citizen. Qualify for a security clearance of SECRET.
    - (2) CW3 must—
      - (a) Meet qualifications described in paragraph f(1).
      - (b) Complete the AMEDD Officer Advanced Course.
    - (3) CW4 must—
      - (a) Meet qualifications described in paragraph f(2).
      - (b) Complete the Warrant Officer Staff Course (WOSC).
    - (4) CW5 must—
      - (a) Meet qualifications described in paragraph f(3).
      - (b) Complete the Warrant Officer Senior Staff Course (WOSSC).
- g. Duties.*
- (1) WO1/CW2—
    - (a) Manages and directs military food safety and quality assurance programs to include personnel, facilities, and equipment under the guidance and supervision of the senior Veterinary Corps Officer (VCO).
    - (b) Organizes and conducts sanitary inspections, recognizes sanitary deficiencies, and determines sanitary compliance ratings of civilian and government facilities that produce, process, prepare, manufacture, store, or otherwise handle subsistence.
    - (c) Provides technical advice concerning food safety and quality assurance issues to military acquisition, supply, and retail activities.
    - (d) Identifies and provides technical information concerning microbiological, chemical, and physical deterioration of subsistence.
    - (e) Interfaces with DOD, Federal, State, local, and host-nation inspection authorities and regulatory health agencies concerning food safety and quality assurance matters.

(f) Observes, records, and reports on subsistence problems that may have public health significance.

(g) Interviews patients and collects data on food borne disease of public health significance to assist epidemiological investigations.

(h) Develops/conducts food safety and quality assurance training to support local unit mission requirements.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Provides supervision/guidance for food safety and quality assurance programs in a tactical environment at Division/Corps level to include slaughter and processing of food animals in emergency situations and the procurement of food stocks from foreign establishments.

(c) Provides technical advice on subsistence quality assurance engineering principles for the acquisition, assembly, storage, and distribution of operational rations for DoD.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Provides guidance for food safety and quality assurance programs to subordinate food inspection elements or other staff elements in a tactical environment at echelons above Corps or at a Major Medical Command Regional Medical Center.

(c) Serves as the technical consultant on the staff of the Senior Veterinary Officer within a tactical theater of operations or at a Major Medical Command Regional Medical Center concerning all food inspection matters.

(d) Provides guidance and technical advice concerning Statistical Process Control (SPC), Systems Auditing, Total Quality Management (TQM), and other quality engineering programs as a Quality Engineer at selected positions on the senior staff at a Major Medical Command or DOD Acquisition Agency Headquarters.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Serves as the technical consultant on the staff of the Senior Veterinary Officer at a Major Medical Command concerning all food inspection matters.

(c) Provides guidance and technical advice to subordinate food inspection elements or other staff elements providing food inspection support to all levels of the Armed Forces.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-640A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-640A-2.* Standards of grade TDA.

### 8-76. Branch 67—Medical Service Corps

(Proponent: Office of the Surgeon General) Manages a program for the maintenance of medical materiel; trains and/or assists subordinates in complex medical systems; manages a repair parts program; coordinates internal maintainers for multiple MOS medical systems; coordinates external maintainers for multiple MOS medical systems; operates a direct exchange program; acquires medical standby equipment or manpower support; supervises controlled exchange of repair parts as a repair methodology; and provides hands-on maintenance services as dictated by the casualty impact upon operable equipment.

### 8-77. Area of Concentration 670—Health Services Maintenance

Serves as the only specialty trained maintenance officer in the Army Medical Department. Manages the health facility maintenance requirements by applying technical knowledge and technical management skills. Supervises the technical and tactical performance of a myriad of maintainer MOSs. Manages maintenance operations of various types and sized. Advises on equipment systems compatibility, replacement, and economical retention. Evaluates performance and quality of equipment through an analysis of maintenance indicators.

## 8-78. Military Occupational Specialty 670A—Health Services Maintenance Technician

- a. Licensing/certification requirement.* None.
- b. Prerequisites.* DA Cir 601 series.
- c. MOS 670A.* MOS 670A is an accession MOS. The enlisted feeder MOS is 91A.
- d. Associated SQI.*
- (1) 0—No special qualifications.
  - (2) 7—Parachutist.
  - (3) 8—Instructor.
  - (4) T—Transition (personnel only).
  - (5) Z—Research, Development, Test, and Evaluation Technician.
- e. Associated ASI.*
- (1) 6M—Mobilization and Demobilization Operations.
  - (2) 6P—Master Fitness Trainer.
- f. Qualifications.*
- (1) WO1/CW2 must—
    - (a) Complete the Health Services Maintenance Technician Warrant Officer Basic Course.
    - (b) Have 20/20 (correctable vision, eye-hand coordination, manual dexterity, normal color perception per AR 40-501, and have normal hearing per AR 40-501.
    - (c) Be a U.S. citizen. Qualify for a security clearance of Secret.
  - (2) CW3 must—
    - (a) Meet qualifications described in paragraph f(1).
    - (b) Complete the AMEDD Officer Advanced Course.
  - (3) CW4 must—
    - (a) Meet qualifications described in paragraph f(2).
    - (b) Complete the Warrant Officer Staff Course (WOSC).
    - (c) Complete the USAMMA Course.
  - (4) CW5 must—
    - (a) Meet qualifications described in paragraph f(3).
    - (b) Complete the Warrant Officer Senior Staff Course (WOSSC).
- g. Duties.*
- (1) WO1/CW2—
    - (a) Supervises personnel and allocates resources to install, maintain and repair optical, dental, and medical technical diagnostic and treatment equipment and medical laboratory equipment at organizational and intermediate direct support level.
    - (b) Supervises personnel who maintain equipment and utilities is associated health service support fields.
    - (c) Distributes workload among subordinate and makes in-process and quality assurance inspections of work.
    - (d) Repairs, modifies, and rehabilitates medical systems and subsystems.
    - (e) Performs scheduled (preventive maintenance) and unscheduled (repair) services on medical and related equipment.
    - (f) Serves as technical consultant to all members of the hospital staff for maintenance matters.
    - (g) Serves as contracting officer's representative for equipment installation or service contracts.
    - (h) Instructs personnel in use of equipment and its care.
    - (i) Reviews internal operating procedures; instructs subordinates on section operations and repair procedures.
    - (j) Acquires and provides data regarding budget, maintenance, supply, and safety as required.
    - (k) Compiles data for material status reports DA Form 2406 (Materiel Condition Status Report).
    - (l) Provides training to subordinates in military, administrative, and technical matters.
    - (m) Takes action in support of the procurement of medical equipment.
    - (n) Reads and interprets for other electrical diagrams, schematic drawings, engineering specifications, and blueprints.
    - (o) Provides data in support of research, development, test and evaluation of medical equipment.
    - (p) Supervises maintenance of organic equipment, tools, and test sets.
    - (q) Prepares drawings, sketches, notes and other materials for installation of equipment.

(r) Develops plans for design and layout of equipment facilities for medical laboratory, operating room, sterile supply, etc.

(s) Presents written or oral briefings to line, staff, and professional personnel on maintenance related subject matter.

(t) Provides technical data to implement automated maintenance management systems.

(u) Inspects inoperative equipment, develops cost estimates for repair, and makes appropriate recommendations to Commander regarding economies of repair or replacement.

(v) Advises on and supervises use of oscilloscopes, voltmeters and other test equipment to isolate equipment malfunctions.

(w) Performs other officer level duties essential to the mission of the unit to which assigned.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Develops maintenance policy and procedures for use by all AMEDD commands and organizations.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Performs duties as an intermediate general support or depot support maintenance officer providing corps or theater level maintenance support to a variety of health care organizations/units.

(c) Responsible for overall readiness and mission performance factors related to maintenance.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Responsible for the maintenance elements of life cycle systems management.

(c) Develops programs to enhance training of other warrant officer and enlisted MOSs.

(d) Provides maintenance policy and guidance through the Surgeon General to all major commands and theater of operations.

(e) Represents the Army Medical Department at DOD level committees, boards, and joint working groups.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-670A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-670A-2.* Standards of grade TDA.

## 8-79. Branch 88—Transportation Corps

(Proponent: Office Chief of Transportation) Manages the operation and maintenance of U.S. Army watercraft in both the tactical and peacetime environment. Supports the Army at all command levels by planning, coordinating, and directing the utilization of Army watercraft for logistics-over-the-shores (LOTS), oceans, coastal, harbor, and inland waters (CHI) missions worldwide. Responsible for the combat effectiveness of watercraft and personnel in support of the Army logistics mission.

## 8-80. Area of Concentration 880—Marine Operations

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty provides technical expertise to manage, operate, and maintain the Army's watercraft.

## 8-81. Military Occupational Specialty 880A—Marine Deck Officer

*a. Licensing/certification requirement.* AR 56-9. Must meet the academic and vessel-specific requirements of U.S. Army marine license annotated "Master of Class A-1 Freight and Towing Motor Vessels Upon Coastal and Inland Waters; Mate of Class A-2 Unlimited Motor Vessels Upon Oceans; Radar Observer."

*b. Prerequisites.* AR 56-9 and DA Cir 601 series.

*c. MOS 880A.* MOS 880A is an accession MOS. The enlisted feeder MOS is 88K.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 1—Marine Deck Officer.

- (3) 2—Marine Engineering Officer.
- (4) 7—Parachutist.
- (5) 8—Instructor.
- (6) T—Transition (personnel only).
- (7) Z—Research, Development, Test, and Evaluation Technician.
- e. Associated ASI.*
- (1) 6M—Mobilization and Demobilization Operations.
- (2) 6P—Master Fitness Trainer.
- f. Qualifications.*
- (1) WO1/CW2 must—
- (a) Complete the Marine Deck Officer Warrant Officer Basic Course.
- (b) Be certified and licensed at the 880A1 skill level, per AR 56-9.
- (c) Have a physical profile of not less than 222221, per AR 40-501.
- (d) Have a distance visual acuity which corrects to at least 20/20 in one eye, and 20/40 in the other eye.
- (e) Have a normal color vision based on no more than four errors in reading the pseudoisochromatic plates test.
- (f) Be a U.S. citizen. Qualify for a security clearance of SECRET.
- (g) After three years of Marine Deck Office service, complete the Marine Deck Officer A2 Course for SQI 2 certification.
- (h) Be certified at the 880A2 skill level, per AR 56-9.
- (2) CW3 must—
- (a) Meet qualifications described in paragraph f(1).
- (b) Complete the Marine Deck Officer Warrant Officer Advanced Course.
- (3) CW4 must—
- (a) Meet qualifications described in paragraph f(2).
- (b) Complete the Warrant Officer Staff Course (WOSC).
- (4) CW5 must—
- (a) Meet qualifications described in paragraph f(3).
- (b) Complete the Warrant Officer Senior Staff Course (WOSSC).
- g. Duties.*
- (1) WO1/CW2—
- (a) Commands Army Class A1 vessels operating on lakes, bays, sounds, and coastal waters.
- (b) Is responsible for proper operation of vessel including discipline of crew and seaworthiness of vessel.
- (c) Navigates vessel using nautical charts, area plotting sheets, compass, sextant, terrestrial bearings, and electronic navigational aids.
- (d) Directs course of vessel to avoid surface and underwater hazards, to include areas where ice is seen or reported.
- (e) Directs operation of ship-to-ship and ship-to-shore radio and visual communication systems.
- (f) Directs fueling, ballasting, trimming operations, and cargo stowage.
- (g) Assigns crew to general watches and prepares station bills.
- (h) Inspects vessel to ensure crew and passengers observe operational and safety regulations and procedures.
- (i) Maintains vessels on board records to include the Official Vessel Log.
- (2) CW3—
- (a) Performs duties described in paragraph g(1).
- (b) Commands Army Class A2 vessels operating upon oceans.
- (c) Performs Harbormaster duties controlling all port operations, to include safety, security, maintenance, Marine communications, vessel berthing, and movements.
- (d) Provides technical guidance and direction in regard to Marine related issues at battalion level.
- (3) CW4—
- (a) Performs duties described in paragraph g(2).
- (b) Commands watercraft detachments either afloat or ashore.
- (c) Provides technical guidance and direction in regard to Marine related issues above battalion level.
- (4) CW5—
- (a) Performs duties described in paragraph g(3).

(b) Performs as technical or functional systems integrator at senior staff level.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

- (1) *Table 8-880A-1.* Standards of grade TOE/MTOE.
- (2) *Table 8-880A-2.* Standards of grade TDA.

#### **8-82. Area of Concentration 881—Marine Maintenance**

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty provides technical expertise to operate, maintain, repair, and overhaul engineering equipment on Army marine vessels.

#### **8-83. Military Occupational Specialty 881A—Marine Engineering Officer**

*a. Licensing/certification requirement.* AR 56-9. Must meet the academic and vessel-specific requirements of U.S. Army Marine License annotated: "Chief Engineer of Class A-1 Motor Vessels; Assistant Engineer of Class A-2 Unlimited Motor Vessels."

*b. Prerequisites.* AR 56-9 and DA Cir 601 series.

*c. MOS 881A.* MOS 881A is an accession MOS. The enlisted feeder MOSs are 88L and 52E with ASI S2.

*d. Associated SQI.*

- (1) 0—No special qualifications.
- (2) 1—Marine Deck Officer.
- (3) 2—Marine Engineering Officer.
- (4) 7—Parachutist.
- (5) 8—Instructor.
- (6) T—Transition (personnel only).
- (7) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

- (1) 6M—Mobilization and Demobilization Operations.
- (2) 6P—Master Fitness Trainer.

*f. Qualifications.* Marine Engineering Officer.

(1) WO1/CW2 must—

(a) Complete the Warrant Officer Basic Course.

(b) Be certified and licensed at the 881A skill level, per AR 56-9.

(c) Have a physical profile of not less than 222221, per AR 40-501.

(d) Have a distance visual acuity which corrects to at least 20/20 in one eye, and 20/40 in the other eye.

(e) Have normal color vision based on no more than four error in reading the pseudoisochromatic plates test.

(f) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(g) After three years of Marine Engineering Officer service, complete the Marine Engineering Officer A2 Course for SQI 2 certification.

(h) Be certified at the 881A2 skill level, per AR 56-9.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the Marine Engineering Officer Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2—

(a) Directs the operation, maintenance, repair, and overhaul of engineering machinery and equipment installed aboard Army watercraft.

(b) Supervises and performs installation and repair of marine power plant, propulsion systems, heating and ventilation systems, and other mechanical plumbing and electrical equipment in ships and marine facilities.

(c) Inspects ship's machinery to determine compliance with maintenance standards and/or to determine extent and nature of repairs required.

(d) Maintains maintenance logbooks and prepares maintenance reports and work orders.

(e) Implements the Army Maintenance Management System (TAMMS) as it applies to Marine material.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Is responsible for the safe, efficient operation and maintenance of all engineering systems aboard unlimited ocean transiting vessels.

(c) Initiates and coordinates all Marine engineering and maintenance functions associated with port operations at battalion level.

(d) Conducts technical inspections and Marine condition surveys.

(e) Provides technical guidance and direction in regard to Marine-related issues at battalion level staff.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Coordinates all Marine engineering and maintenance functions associated with port operations above battalion level.

(c) Manages maintenance and repair activities.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Performs as technical or Functional Systems Integrator at senior staff level.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-881A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-881A-2.* Standards of grade TDA.

#### **8-84. Branch 91—Ordnance**

(Proponent: Chief of Ordnance) Plans and directs the activities of Army units and organizations engaged in materiel management and maintenance of armament, tank, engineer, and ground mobility equipment; missile systems including missile rounds and their associated guidance, launching, handling, and test equipment; and conventional munitions and warheads and associated maintenance, test, and handling support equipment. Provides maintenance and calibration support for the Army's Test, Measurement, and Diagnostics Equipment (TDME); and conventional munitions and warheads and associated maintenance, test, and handling support equipment.

#### **8-85. Area of Concentration 910—Ammunition**

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty provides the Army with technical expertise to manage and maintain the Army's ammunition and missile explosive components.

#### **8-86. Military Occupational Specialty 910A—Ammunition Technician**

*a. Licensing/certification requirement.* Personnel Reliability Program, AR 50-6 (if required by the position).

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 910A.* MOS 910A is an accession MOS. The enlisted feeder MOSs are MOS 55B and 55Z.

*d. Associated SQL.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the Ammunition Warrant Officer Basic Course.

(b) Have normal vision correctable to 20/20; normal color discrimination and hearing per AR 40-501; and full use both hands.

(c) Meet Personnel Reliability Program (PRP) requirements per AR 50-6 when assigned to units that have required positions.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the Ordnance Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2—

(a) Directs and coordinates the implementation of the following activities: Receipt, storage, issue, surveillance test, maintenance, modification, destruction, and demilitarization of conventional ammunition, missile explosive components, and other explosive items at company, battalion, brigade or division level.

(b) Investigates and reports conventional ammunition accidents, failures, or malfunctions.

(c) Supervises and manages Standard Army Ammunition Systems (SAAS) at unit level and its associated ADP equipment.

(d) Prepares and/or reviews ammunition storage waivers.

(e) Prepares, reviews, and/or implements firefighting procedures for conventional ammunition, missiles and other explosive items.

(f) Plans, reviews, and/or implements emergency destruction of ammunition, missiles, and other explosive items.

(g) Plans, reviews, and/or implements policies and procedures for surveillance of chemical and biological waste materiel.

(h) Performs the duties of accountable officer when designated per AR 735-5.

(i) Advises commanders on the technical aspects of ammunition, missile, and other explosive items receipt, storage, maintenance and supply.

(j) Plans for and schedules work requirements, observes work practices, detects and corrects unsafe and/or improper procedures and techniques.

(k) Manages, examines, interprets, disseminates, and verifies requirements for technical publications in the unit.

(l) Directs ammunition receipt, storage, maintenance and supply operations in a tactical environment.

(m) Interprets technical data and instructs subordinates in the technical aspects of ammunition, missile, and other explosive items receipt, storage, maintenance and supply.

(n) Ensures ammunition quality assurance/quality control (QA/QC) procedures are followed.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Conducts ammunition supply studies.

(c) Develops, implements, and monitors programs of instruction that enhance training of other warrant officer and enlisted MOSs.

(d) Supervises and manages SAAS at division and corps level MMCs, along with associated ADP equipment.

(e) Analyzes and provides reports on complex ammunition malfunctions.

(f) Advises the division staff and allied armies on Class V supply; including forecasting, requisitioning, issue, transportation, security, storage, safety, accountability, maintenance, destruction, demilitarization, and turn-in of ammunition.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Supervises and manages SAAS at theater, theater army area command, and corps level MMCs, along with associated ADP equipment.

(c) Advises corps and theater staff and allied armies for Class V supply, as described in paragraph g(2)(g).

(d) Develops concepts, conducts studies, designs organizations,

and prepares materiel requirements; tests and evaluates systems employment and organizations; and is proficient in the Life Cycle Systems Management (LCSM) model.

(e) Provides technical and tactical assistance at any echelon of command or support activity for the U.S. Army, or liaison activities with allied armies.

(f) Presents written or oral briefings to line, staff, and professional personnel on ammunition supply, maintenance and related subject matters.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Acts as the technical advisor to higher echelons of command and to allied armies.

(c) Provides technical advisory services on contracting and production matters to commanders.

(d) Provides coordination between military and industry during development, testing and fielding of new munitions and missile explosive components.

(e) Manages the development of training packages to ensure Army personnel are prepared to receive, store, maintain and supply new munitions and missile systems prior to fielding.

(f) Administers the MOS Life Cycle Management and oversees personnel proponent functions affecting CMF 35, CMF 55 and Branch 91—Ordnance.

(g) Performs other officer level duties as required consistent with senior staff officer responsibilities.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-910A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-910A-2.* Standards of grade TDA.

### **8-87. Area of Concentration 912—Land Combat Missile Systems**

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty provides expertise to maintain and repair the Army's land combat missile systems.

### **8-88. Military Occupational Specialty 912A—Land Combat Missile Systems Technician**

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 912A.* MOS 912A is an accession MOS. The enlisted feeder MOSs are 27E, 27M, 27Z, 35Y and 39B.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the Land Combat Missile Systems Warrant Officer Basic Course.

(b) Have normal vision correctable to 20/20; normal color discrimination and hearing per AR 40-501; and full use of both hands.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the Ordnance Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2—

(a) Employs digital switching theory, logic, computer, mechanical, hydraulic, and infrared fundamentals applicable to the MLRS, TOW, TOW2, Bradley Fighting Vehicle subsystem, TOW/TOW2 subsystem, associated man-portable common thermal night sights, and the LCSS.

(b) Applies theory and fundamentals of solid-state devices and optics employed in guidance and sighting systems.

(c) Directs test procedures, diagnostic system analysis, and trouble shooting techniques.

(d) Directs organizational maintenance and unit status reporting for tactical units.

(e) Interprets technical data and instructs subordinates in technical aspects of supported missile systems.

(f) Manages the automated Maintenance Reporting and Management system (MRMS), technical and shop supply procedures.

(g) Manages supply, equipment, facilities, and personnel in the maintenance of supported land combat missile systems, associated equipment, and training devices.

(h) Advises commanders on technical aspects of land combat missile system maintenance, support testing, and supply.

(i) Supervises maintenance and repair of organic tools, test equipment and associated training equipment.

(j) Supervises the activities of personnel engaged in isolating technical malfunctions and repair of land combat missile systems.

(k) Observes work practices, detects and corrects improper procedures and techniques.

(l) Manages, examines, interprets, disseminates, and verifies requirements for technical publications in the unit.

(m) Directs DS/GS maintenance operations in a tactical environment.

(n) Directs repair of system components, including guidance control systems, organizational testers, optical trackers, modulators, infrared sensors, and the conduct-of-fire trainer.

(o) Directs operations, maintenance and calibration of the LCSS.

(p) Supervises maintenance support team activities.

(q) Supervises maintenance personnel assigned to a detachment or the land combat section, main missile support company, support TOW/TOW2, DRAGON, and MLRS.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Manages, supervises, directs and monitors DS/GS maintenance section activities and the utilization of Maintenance Support Teams.

(c) Develops, implements, and monitors programs of instruction that enhance training of other warrant officer and enlisted MOSs.

(d) Ensures quality assurance/quality control (QA/QC) procedures are followed.

(e) Monitors, identifies, and rectifies anomalies in the requisition life cycle of repair parts requisitions.

(f) Conducts liaison visits to supported units to determine future support requirements and satisfaction with current support.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Coordinates between military and industry during development, testing, and fielding of new land combat missile systems and equipment.

(c) Manages the development of training packages to ensure Army personnel are prepared to operate and maintain the new systems prior to fielding.

(d) Provides data and technical guidance concerning future requirements, modification work order (MWO), product improvement program (PIP), and related program information that has an impact upon Life Cycle Systems Management (LCSM) of land combat missile systems.

(e) Provides technical and tactical assistance at any echelon of command or support activity for the U.S. Army, or liaison activities with allied armies.

(f) Presents written or oral briefings to line, staff, and professional personnel on maintenance or related subject matters.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Monitors, coordinates, and analyzes contacting, procurement, and material acquisition programs for new and existing land combat missile systems.

(c) Administers the MOS Life Cycle Management and oversees personnel proponent functions affecting CMF 35, CMF 55 and Branch 91—Ordnance.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-912A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-912A-2.* Standards of grade TDA.

### **8-89. Area of Concentration 913—Armament Repair**

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty provide the expertise to inspect, maintain, and repair the Army's armament systems.

### **8-90. Military Occupational Specialty 913A—Armament Repair Technician**

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 913A.* MOS 913A is an accession MOS. The enlisted feeder MOSs are 45B, 45D, 45E, 45G, 45K, 45N, and 45T.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the Warrant Officer Armament Repair Basic Course.

(b) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the Warrant Officer Armament Repair Advanced Course, Phase I and II.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC) and be certified by MOS proponent.

(4) CM5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC) and be certified by MOS proponent.

*g. Duties.*

(1) WO1/CW2—

(a) Manages activities and personnel engaged in forward and intermediate direct support (IDS) maintenance level repair of small arms, field artillery and armament systems.

(b) Directs procedures for the identification and troubleshooting of malfunctions in electrical, hydraulic, fire control, and instrument items.

(c) Established evacuation and replacement procedures of such items that are unserviceable and beyond the repair capabilities of forward support and IDS companies.

(d) Manages quality assurance and production control programs to ensure established work standards are met and repairs are made on a timely basis.

(e) Administers The Army Maintenance Management System

(TAMMS) and the Maintenance Reporting and Management Systems (MRMS).

(f) Administers regulations and procedures pertaining to physical security, accountability, and shipment of weapons.

(g) Directs contact teams in support of field units and activities.

(h) Establishes and directs a shop safety program per applicable regulations.

(i) Establishes a technical library and examines, interprets, and disseminates technical material, including orders and bulletins.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Manages activities and personnel at intermediate direct support (IDS) heavy companies, intermediate general support companies, and depot level.

(c) Directs the repairs of complex malfunctions occurring in tank turret electrical, hydraulic, fire control, and instrument systems.

(d) Directs and provides backup support to forward and non-divisional IDS companies.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Evaluates maintenance performed or armament procurement by contractor.

(c) Manages or directs various armament maintenance activities at arsenal or depot levels.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Provides leadership, guidance, technical expertise and direction to supported elements, staff agencies and commanders at all levels of the U.S. Army.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-913A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-913A-2.* Standards of grade TDA.

### **8-91. Area of Concentration 914—Allied Trades**

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty provide technical expertise to Army's allied trade field.

### **8-92. Military Occupational Specialty 914A—Allied Trades Technician**

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 914A.* MOS 914A is an accession MOS. The enlisted feeder MOSs are 44B and 44E.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the Warrant Officer Allied Trades Basic Course.

(b) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the Warrant Officer Advanced Course, Phase I and II.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).  
g. *Duties.*

(1) WO1/CW2—

(a) Directs the setup, operation, and maintenance of machine tools and welding equipment used to fabricate or repair parts, mechanisms, tools, and machinery.

(b) Manages automotive body repair, painting, glass, radiator, canvas, and woodworking shop operations.

(c) Supervises and conducts recovery operations and maintenance of tracked and wheeled recovery equipment.

(d) Employs principles of mechanics, metals identification procedures, shop mathematics, and shop layout.

(e) Establishes and directs the upkeep of shop, stock, repair parts, and maintenance-related items required per applicable regulations.

(f) Manages quality assurance and production control programs to ensure established work standards are met and repairs are made on a timely basis.

(g) Establishes training programs to ensure subordinates are qualified in current maintenance techniques and equipment operation.

(h) Coordinates shop activities with other repair shops to ensure equipment is quickly repaired and returned to user.

(i) Establishes and conducts a shop safety program per applicable regulations.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Manages personnel and activities in DS/GS, and depot level maintenance.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Advises the command elements on the progression and utilization of subordinate allied trades technicians.

(c) Evaluates maintenance performed or new equipment procurement by contract.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Provides leadership, guidance, technical expertise and direction to supported elements, staff agencies and commanders at all levels of the U.S. Army.

h. *Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-914A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-914A-2.* Standards of grade TDA.

### 8-93. Area of Concentration 915—Automotive Maintenance

There are three Warrant officer specialties within this AOC. The skills and knowledge required to qualify for these specialties provide technical expertise to Army's automotive maintenance system.

### 8-94. Military Occupational Specialty 915A—Unit Maintenance Technician (Light)

a. *Licensing/certification requirement.* None.

b. *Prerequisites.* DA Cir 601 series.

c. *MOS 915A.* MOS 915A is an accession MOS. The enlisted feeder MOSs are 62B, 63B, 63D, 63E, 63G, 63H, 63N, 63S, 63T, 63Y, 63W, and 63Z.

d. *Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

e. *Associated ASI.*

(1) 6B—General Safety (National Guard only).

(2) 6M—Mobilization and Demobilization Operations.

(3) 6P—Master Fitness Trainer.

f. *Qualifications.*

(1) WO1/CW2 must—

(a) Complete the Unit Maintenance (Light) Warrant Officer Basic Course.

(b) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(2) CW3 must see MOS 915D and 915E.

(3) CW4 must see MOS 915D and 915E.

(4) CW5 must see MOS 915D and 915E.

g. *Duties.*

(1) WO1/CW2—

(a) Plans, organizes, and executes unit maintenance of wheel, light track, and heavy track vehicles, and armament, fire control, ground support, and power driven chemical equipment.

(b) Diagnoses, tests, and analyzes malfunctions of unit equipment.

(c) Directs the establishment and operation of unit prescribed load lists for organizational repair and maintenance related items.

(d) Establishes and enforces shop fire and safety programs.

(e) Manages unit calibration requirements.

(f) Manages unit level oil analysis program.

(g) Prepares unit level readiness reports.

(h) Writes and updates internal SOPs for maintenance areas.

(i) Directs emergency recovery and repair for all unit equipment.

(j) Manages The Army Maintenance Management System (TAM-MS) at unit level.

(k) Manages scheduling of periodic maintenance and services.

(l) Manages dispatch of passenger, cargo, and combat vehicles.

(m) Manages requisitioning and exchange of repair parts.

(n) Manages requisitioning and disposal of POL products.

(o) Manages subordinates' Common Task Training (CTT).

(p) Instructs subordinates and unit personnel on correct maintenance procedures.

(q) Conducts technical inspections of unit equipment to ensure compliance with established maintenance standards and programs.

(r) Establishes internal procedures to receive, issue, and store tools, parts, publication, and POL products.

(s) Establishes and directs maintenance inspections and quality control programs.

(2) CW3 see MOS 915D and 915E.

(3) CW4 see MOS 915D and 915E.

(4) CW5 see MOS 915D and 915E.

h. *Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-915A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-915A-2.* Standards of grade TDA.

### 8-95. Military Occupational Specialty 915D—Unit Maintenance Technician (Heavy)

a. *Licensing/certification requirements.* None.

b. *Prerequisites.* Demonstrated proficiency in MOS 915A.

c. *MOS 915D.* MOS 915D is a nonaccession MOS. The warrant officer feeder MOS is 915A.

d. *Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

e. *Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

f. *Qualifications.*

(1) WO1/CW2 must see MOS 915A.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the MOS 915D Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

- (4) CW5 must—
  - (a) Meet qualifications described in paragraph f(3).
  - (b) Complete the Warrant Officer Senior Staff Course (WOSSC).
- g. *Duties.*
  - (1) WO1/CW2 see MOS 915A.
  - (2) CW3 performs duties described in paragraph g(1).
  - (3) CW4—
    - (a) Performs duties described in paragraph g(2).
    - (b) Not used.
  - (4) CW5—
    - (a) Performs duties described in paragraph g(3).
    - (b) Develops technical concepts and doctrine.
    - (c) Is proponent level personnel systems integrator.
    - (d) Provides leadership guidance, technical expertise and direction to supported elements, staff agencies and commanders at all levels of the U.S. Army.

h. *Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

- (1) *Table 8-915D-1.* Standards of grade TOE/MTOE.
- (2) *Table 8-915D-2.* Standards of grade TDA.

### 8-96. Military Occupational Specialty 915E—Support Maintenance Technician

- a. *Licensing/certification requirement.* None.
- b. *Prerequisites.* Demonstrated proficiency in MOS 915A or 915D.

c. *MOS 915E.* MOS 915E is a nonaccession MOS. The warrant officer feeder MOSs are 915A or 915D.

- d. *Associated SQI.*
  - (1) 0—No special qualifications.
  - (2) 7—Parachutist.
  - (3) 8—Instructor.
  - (4) T—Transition (personnel only).
  - (5) Z—Research, Development, Test, and Evaluation Technician.

- e. *Associated ASI.*
  - (1) 6M—Mobilization and Demobilization Operations.
  - (2) 6P—Master Fitness Trainer.

f. *Qualifications.*

- (1) CW2 WO1/CW2 must see MOS 915A.
- (2) CW3 must—
  - (a) Meet qualifications described in paragraph f(1).
  - (b) Complete the MOS 915E Warrant Officer Advanced Course.
- (3) CW4 must—
  - (a) Meet qualifications described in paragraph f(2).
  - (b) Complete the Warrant Officer Staff Course (WOSC).
- (4) CW5 must—
  - (a) Meet qualifications described in paragraph f(3).
  - (b) Completed the Warrant Officer Senior Staff Course (WOSSC) and be certified by the proponent.

g. *Duties.*

- (1) WO1/CW2 see MOS 915A.
- (2) CW3—
  - (a) Performs duties described in paragraph g(1).
  - (b) Manages Direct Support (DS) and General Support (GS) level repair of automotive equipment.
  - (c) Manages work flow to subordinates.
  - (d) Ensures quality of work performed through inspections and test of outgoing equipment.
  - (e) Establishes maintenance and repair schedules based on equipment density, unit mission, and availability of parts, tools, and personnel.
  - (f) Establishes internal administrative procedures to requisition, receive, issue, and store tools, parts, publications, and POL products.
  - (g) Instructs and monitors students in service school environment.

(h) Diagnoses complex malfunctions in automotive equipment and instructs personnel on such repair.

- (i) Establishes and enforces a shop fire and safety program per applicable regulations.
- (j) Manages disposal of used POL products.
- (k) Writes and updates internal maintenance shop SOPs.
- (3) CW4—
  - (a) Performs duties described in paragraph g(2).
  - (b) Acts as technical advisor to Brigade/Group level commanders and staffs.
  - (c) Operates within the research and development area of wheel vehicles and light, medicum, and heavy track vehicles.
  - (d) Supervises support maintenance quality assurance/quality control operations.

- (4) CW5—
  - (a) Performs duties described in paragraph g(3).
  - (b) Develops technical concepts and doctrine.
  - (c) Performs duties as proponent level personnel systems integrator.
  - (d) Provides leadership, guidance, technical expertise and direction to supported elements, staff agencies and commanders at all levels of the U.S. Army.

h. *Grading and position titles.* Authorized position titles are provided in appendixes B and C. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1 and CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

- (1) *Table 8-915E-1.* Standards of grade TOE/MTOE.
- (2) *Table 8-915E-2.* Standards of TDA.

### 8-97. Area of Concentration 916—High-to-Medium Altitude Air Defense (HIMAD) Systems

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty is necessary to provide the technical expertise to maintain and repair the Army's high-to-medium air defense systems.

### 8-98. Military Occupational Specialty 916A—High-to-Medium Air Defense (HIMAD) Direct Support/General Support Maintenance Technician

- a. *Licensing/certification requirement.* None.
- b. *Prerequisites.* DA Cir 601 series.
- c. *MOS 916A.* MOS 916A is an accession MOS. The enlisted feeder MOSs are 24H, 24K, 27H, 27J, 27K, and 27X.

d. *Associated SQI.*

- (1) 0—No special qualifications.
- (2) 7—Parachutist.
- (3) 8—Instructor.
- (4) T—Transition (personnel only).
- (5) Z—Research, Development, Test, and Evaluation Technician.

e. *Associated ASI.*

- (1) 6M—Mobilization and Demobilization Operations.
- (2) 6D—PATRIOT Direct Support/General Support Maintenance Technician.
- (3) 6P—Master Fitness Trainer.

f. *Qualifications.*

- (1) WO1/CW2 must—
    - (a) Complete the HIMAD Systems Warrant Officer Basic Course.
    - (b) Have normal vision correctable to 20/20; normal color discrimination and hearing per AR 40-501; and full use of both hands.
  - (2) CW3 must—
    - (a) Meet the qualifications outlined in paragraph f(1).
    - (b) Completed the Ordnance Warrant Officer Advanced Course.
  - (3) CW4 must—
    - (a) Meet the qualifications outlined in paragraph f(2).
    - (b) Complete the Warrant Officer Staff Course (WOSC).
  - (4) CW5 must—
    - (a) Meet the qualifications outlined in paragraph f(3).
    - (b) Complete the Warrant Officer Senior Staff Course (WOSSC).
- g. *Duties.*

(1) WO1/CW2—

(a) Employs digital switching theory, logic, and computer fundamentals applicable to the HIMAD missile systems.

(b) Applies theory and fundamentals of solid-state devices employed in the HIMAD missile systems.

(c) Directs test procedures, diagnostic system analysis, and troubleshooting techniques.

(d) Directs direct support/general support maintenance and material/unit status reporting for missile support units.

(e) Instructs subordinates in operating procedures and maintenance techniques used in care of special tools and supporting equipment, as well as The Army Maintenance Management System (TAMMS).

(f) Advises the commander on the technical aspects of the HIMAD missile systems maintenance, support, testing and supply.

(g) Interprets technical data and trains subordinates in technical aspects of supported missile systems.

(h) Manages the automated Standard Army Maintenance System (SAMS-1), production control, technical supply, Standard Army Retail Supply System (SARSS-1), and shop supply.

(i) Manages supply, equipment, facilities, and personnel in the performance of maintenance of HIMAD missile systems, associated equipment, and training devices.

(j) Supervises maintenance and repair of organic tools, test sets, and associated training equipment.

(k) Supervises the activities of personnel engaged in isolating malfunctions and repair of supported HIMAD missile systems.

(l) Ensures quality assurance/quality control (QA/QC) procedures are followed.

(m) Estimates supply requirements, observes work practices, and detects and corrects improper procedures and techniques.

(n) Examines, interprets, and disseminates technical material.

(o) Supervises maintenance support team activities.

(p) Initiates and monitors report of discrepancy (ROD), quality discrepancy report (QDR), and engineering change proposal (ECP) documents.

(q) Implements proper safety and security procedures applicable to HIMAD systems support.

(r) Develops, coordinates, updates, and applies internal administrative procedures to requisition, receive, issue, and store repair parts, tools, publications and supplies.

(s) Manages the scheduling of periodic maintenance, services, and calibration of organic equipment.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Provides technical guidance and direction to subordinate elements.

(c) Monitors and directs work-flow and test procedures, diagnostic system analysis, and troubleshooting techniques for automated test equipment supporting HIMAD missile systems.

(d) Monitors, identifies, and rectifies anomalies in the requisition life cycle of repair parts requisition.

(e) Conducts periodic inspections of equipment to ensure compliance with established maintenance standards and programs.

(f) Conducts liaison visits to supported units to determine future support requirements and satisfaction with current support.

(g) Assists the commander or shop officer in the application of available automation resources to optimize DS/GS shop operations.

(h) Provides technical and tactical advisor for HIMAD systems.

(i) Develops, implements, and monitors programs of instruction that enhance training of other warrant officer and enlisted MOSs.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Provides leadership, guidance, technical input and direction to subordinate elements, staff agencies and field commanders.

(c) Monitors, coordinates, and analyzes contracting, procurement, and material acquisition programs for new and existing HIMAD missile systems.

(d) Provides data and technical guidance concerning future requirements, MWO, product improvement program (PIP), and related

program information that has an impact upon Life Cycle Systems Management (LCSM) of HIMAD systems.

(e) Provides technical and tactical assistance at any echelon of command or support activity for the U.S. Army, or liaison activities with allied armies.

(f) Presents written or oral briefings to line, staff, and professional personnel on maintenance and related subject matters.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Provides leadership, guidance, logistical and technical input and direction to subordinate elements, staff agencies, and field commanders up to and including Department of the Army level.

(c) Provides coordination between military and industry during development, testing, and fielding of new HIMAD systems and equipment.

(d) Manages the development of training packages to ensure Army personnel are prepared to operate and maintain the new systems prior to fielding.

(e) Administers the MOS Life Cycle Management and oversees personnel proponent functions affecting CMF 27, CMF 35, and Branch 91—Ordnance.

(f) Performs duties as system or personnel integrator at MACOM or personnel proponent level.

*h. Grading and position titles.* Authorized position titles are provided in appendixes B and C. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-916A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-916A-2.* Standards of grade TDA.

### **8-99. Area of Concentration 917—Maneuver Forces Air Defense Systems (MFADS)**

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty provides expertise to maintain and repair the Army's maneuver forces air defense systems, target acquisition/surveillance radar and supporting automated test equipment.

### **8-100. Military Occupational Specialty 917A—Maneuver Forces Air Defense Systems (MFADS) Technician**

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 917A.* MOS 917A is an accession MOS. The enlisted feeder MOSs are 27F, 27G, and 27T.

*d. Associated SQT.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the Maneuver Forces Air Defense (MFAD) Systems Warrant Officer Basic Course.

(b) Have normal vision correctable to 20/20; normal color discrimination and hearing per AR 40-501; and full use of both hands.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the Ordnance Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2—

(a) Employs digital switching theory, logic, and computer fundamentals applicable to the MFAD systems.

(b) Applies theory and fundamentals of solid-state devices employed in the MFAD systems.

(c) Directs test procedures, diagnostic system analysis, and troubleshooting of mechanical, electrical, electronic, hydraulic, pneumatic and optical malfunctions on MFAD systems and their components.

(d) Monitors and directs maintenance responsibilities and unit status reporting for missile support units.

(e) Manages, directs, and monitors operations and integration of the automated Unit Level Logistic System (ULLS), Standard Army Maintenance System (SAMS-1), and the Standard Army Retail Supply System (SARSS).

(f) Interprets technical data and instructs subordinates in technical aspects of supported missile systems.

(g) Manages activities, supervises personnel, and allocates resources to provide for smooth and continuous maintenance and repair operations in a garrison and tactical environment.

(h) Advises commanders on technical aspects of MFAD systems maintenance, support testing and supply.

(i) Supervises maintenance and repair of organic tools, test equipment, and associated training equipment.

(j) Instructs subordinates in operating procedures, and maintenance techniques used in the care of special tools and supporting equipment; as well as the Army Maintenance Management System (TAMMS).

(k) Directs and assists personnel in solving unusually complex problems of diagnosis, and modification, of automated test equipment used in support of MFAD systems.

(l) Ensures quality assurance/quality control (QA/QC) procedures are followed.

(m) Estimates supply requirements, observes work practices, and detects and corrects improper procedures and techniques.

(n) Manages, examines, interprets, disseminates, and verifies requirements for technical publications in the unit.

(o) Supervises maintenance support team activities.

(p) Initiates and monitors report of discrepancy (ROD), quality discrepancy report (QDR), and engineering change proposal (ECP) documents.

(q) Implements proper safety and security procedures applicable to MFAD systems support.

(r) Develops, coordinates, updates, and applies internal administrative procedures to requisition, receive, issue, and store repair parts, tools, publications, and supplies.

(s) Directs the operation of a unit prescribed load list (PLL) for organizational repair parts and maintenance related items.

(t) Manages the scheduling of periodic maintenance, services, and calibration of organic equipment.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Monitors and directs work-flow and test procedures, diagnostic system analysis, and troubleshooting techniques for automated test equipment supporting MFAD systems.

(c) Monitors, identifies, and rectifies anomalies in the requisition life cycle of repair parts requisitions.

(d) Conducts periodic inspections of equipment to ensure compliance with established maintenance standards and programs.

(e) Conducts liaison with supported units to determine future support requirements and satisfaction with current support.

(f) Assists the commander or shop officer in the application of available automation resources to optimize DS/GS shop operations.

(g) Manages, supervises, directs and monitors DS/GS maintenance section activities and the utilization of Maintenance Support Teams.

(h) Develops, implements, and monitors programs of instruction that enhance training of other warrant officer and enlisted MOSS.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Monitors, coordinates, and analyzes contracting, procurement,

and material acquisition programs for new and existing MFAD systems.

(c) Provides data and technical guidance concerning future requirements, MWO, product improvement program (PIP), and related program information that has an impact upon Life Cycle Systems Management (LCSM) of MFAD systems.

(d) Provides technical and tactical assistance at any echelon of command or support activity for the U.S. Army, or liaison activities with allied armies.

(e) Presents written or oral briefings to line, staff, and professional personnel on maintenance and related subject matters.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Provides coordination between military and industry during development, testing, and fielding of new MFAD systems.

(c) Manages the development of training packages to ensure Army personnel are prepared to operate and maintain the new systems prior to fielding.

(d) Administers the MOS Life Cycle Management and oversees personnel proponent functions affecting CMF 35, CMF 55 and Branch 91—Ordnance.

*h. Grading and position titles.* Authorized position titles are provided in appendixes B and C. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-917A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-917A-2.* Standards of grade TDA.

#### **8-101. Area of Concentration 918—TMDE Maintenance Support**

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty provides the technical expertise to maintain, repair and calibrate the Army's general and selected special purpose test, measurement and diagnostic equipment (TMDE).

#### **8-102. Military Occupational Specialty 918A-TMDE Maintenance Support Technician**

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 918A.* MOS 918A is an accession MOS. The enlisted feeder MOS is 35H.

*d. Associated SOI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Complete the TMDE Maintenance Support Warrant Officer Basic Course.

(b) Have normal vision correctable to 20/20; normal color discrimination and hearing per AR 40-501; and full use of both hands.

(c) Have good eye-hand coordination and manual dexterity to make minute adjustments on sensitive instruments.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(i).

(b) Complete the Ordnance Warrant Officer Advanced Course.

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2—

(a) Commands a TMDE Maintenance Support Detachment/Team and is responsible for morale, welfare, training, UCMJ, and discipline of assigned personnel.

(b) Manages and supervises personnel and activities engaged in calibration and repair of Test, Measurement, and Diagnostic Equipment (TMDE), calibration standards, and related instruments and accessories.

(c) Supervises direct support, general support, and depot level maintenance of all supported TMDE.

(d) Establishes Standing Operating Procedures and internal policies.

(e) Manages supply, equipment and personnel assets.

(f) Coordinates technical, administrative, and logistical interface between the detachment/team, supported units, and unit of attachment.

(g) Prepares materiel readiness reports and provides input for unit readiness reports.

(h) Develops, rehearses, and implements load plans and deployment scenarios.

(i) Manages Instrument Master Record File (IMRF) for scheduled and supported items of TMDE.

(j) Develops and manages interservice and intraservice support agreements.

(k) Serves as system administrator for local Automated Data Processing Equipment (ADPE) systems; including the Calibration Management Information System (CALMIS), workstation controllers, administrative ADPE, and supplementary devices.

(l) Evaluates specifications and analyzes measurement data to ensure compliance.

(m) Employs highly specialized test and diagnostic procedures to adjust or repair a broad spectrum of TMDE.

(n) Interprets technical data to maintain secondary reference and transfer level calibration standards within specified functional capabilities.

(o) Certifies accuracy of instrumentation and ensures that accuracy is traceable to higher level standards.

(p) Performs error analysis on measurement systems.

(q) Evaluates and determines TMDE maintenance support requirements, establishes work priorities, and assigns work to subordinates.

(r) Formulates techniques and procedures for calibration and repair of unique or complex TMDE.

(s) Solves unusually complex problems regarding diagnosis and repair.

(t) Estimates TMDE repair requirements and costs, and determines economic repairability.

(u) Determines substitutability or fabrication of minor parts and electronic assemblies.

(v) Interprets, applies, and disseminates administrative, technical, logistical, and supply publications and related data.

(w) Reviews and develops all technical correspondence and reports.

(x) Establishes unit safety program; and ensures adherence to safety policies, practices, and regulations associated with electricity, pressurized gases, ionizing radiation, microwave radiation, laser radiation, and mercury handling hazards.

(y) Observes work practices and ensures correct application of procedures and techniques.

(z) Supervises the receipt, surveillance, shipping, and use of radiological sources.

(aa) Conducts surveillance inspections in accordance with Nuclear Regulatory Commission (NRC) requirements.

(ab) Supervises local radiation dosimetry program.

(ac) Instructs personnel in the use of calibration standards and workstations; and the application of specialized test procedures and metrology skills to calibrate TMDE, isolate causes of TMDE failures and malfunctions, and in making repair or modifications.

(ad) Trains personnel to operate and maintain the Calibration Management Information System (CALMIS).

(ae) Prepares and implements a unit Mission Essential Task List (METL).

(af) Ensures that maintenance schedules are adhered to and that scheduled maintenance programs include regular preventive maintenance checks and services.

(ag) Plans, coordinates, and supervises maintenance programs and activities.

(ah) Implements Army maintenance management policy and The Army Maintenance Management System (TAMMS); and applies the directive TB 750-25 within internal and support operations.

(ai) Estimates supply requirements and requisitions replacement parts and supplies.

(aj) Supervises maintenance of unit bench and shop stocks.

(ak) Forecasts ammunition requirements.

(al) Ensures initial, in-process, and final quality assurance/quality control (QA/QC) procedures are established and applied to work processes and end-item sampling plans.

(am) Serves as principal advisor on TMDE matters to divisional/corps commanders and materiel management centers.

(an) Participates with battalion and higher level staff in developing contingency and deployment plans, field exercises, maintenance management strategies, and other actions that relate to TMDE maintenance support.

(ao) Provides technical assistance and advice regarding TMDE development, procurement, capabilities and limitations, and employment to commanders and staff officers.

(ap) Assists commanders of support units in identifying and scheduling TMDE support requirements.

(aq) Establishes and maintains a viable unit physical security and crime prevention program.

(ar) Plans, prepares, and maintains an operating budget for the detachment/team.

(as) Monitors fiscal allocations, commitments, and expenditures; and maintains financial accountability.

(at) Establishes, monitors, and maintains a comprehensive environmental protection program IAW national and local directives.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Monitors and evaluates the performance of contractor personnel performing calibration and repair functions for the Army.

(c) Serves as Engineering Technician or Maintenance Engineering Technician, involved in calibration equipment or TMDE development and support activities, at a MACOM or sub-MACOM.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Develops, implements, and monitors programs of instruction that enhance training of other warrant officer and enlisted MOSs.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Integrates TMDE functions across MACOM or Department of the Army levels.

(c) Provides technical and tactical assistance at any echelon of command or support activity for the U.S. Army, or liaison activities with allied armies.

(d) Presents written or oral briefings to line, staff, and professional personnel on TMDE programs and related subject matters.

(e) Administers the MOS Life Cycle Management and oversees personnel proponent functions affecting CMF 35, CMF 55 and Branch 91—Ordnance.

*h. Grading and position titles.* Authorized position titles are provided in appendixes B and C. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-918A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-918A-2.* Standards of grade TDA.

### **8-103. Military Occupational Specialty 918B—Electronic Systems Maintenance Technician**

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

c. *MOS 918B*. MOS 918B and 918B7 are accession MOSs. The enlisted feeder MOSs are 35E, 35J, 35W, 35N, 35S, and 68P. MOS 918B8 and 918BZ are nonaccession MOSs supported by soldiers qualified in MOS 918B.

d. *Associated SQI*.

- (1) 0—No special qualifications.
- (2) 7—Parachutist.
- (3) 8—Instructor.
- (4) T—Transition (personnel only).
- (5) Z—Research, Development, Test, and Evaluation Technician.

e. *Associated ASI*.

- (1) 6M—Mobilization and Demobilization Operations.
- (2) 6P—Master Fitness Trainer.

f. *Qualifications*.

- (1) WO1/CW2 must—

(a) Complete the Ordnance Electronic Systems Maintenance Technician Warrant Officer Basic Course (WOBC).

(b) Meet vision and hearing standards of AR 40-501 for assignment of warrant officers to Ordnance Corps, have normal color discrimination per AR 40-501, and have full use of both hands.

(c) Have good hand-eye coordination and manual dexterity to make minute adjustments on sensitive instruments.

(d) Be a U.S. citizen. Qualify for a security clearance of SECRET.

- (2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the Ordnance Warrant Officer Advanced Course (WOAC).

- (3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

- (4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course.

g. *Duties*.

- (1) WO1/CW2—

(a) Manages personnel, equipment, and facility assets for the installation, operation, repair, maintenance, and modification of radio, radar, computer, electronic data processing, controlled cryptographic items, television, navigation, avionics, and related communications equipment and associated tools, test sets and accessory equipment.

(b) Receives and inspects incoming equipment to determine requirements, assigns work to subordinates, and assures proper repair through quality control inspections of in-process work and by final inspections and test of completed work.

(c) Ensures that maintenance schedules are adhered to and that scheduled maintenance programs include regular preventive maintenance.

(d) Plans, coordinates, and supervises maintenance activities and programs; develops repair and operating procedures; and interprets technical publications and data for use in repair and maintenance functions.

(e) Instructs personnel in the application of specialized test procedures to isolate causes of equipment failures and malfunctions and on making extensive or unusual repairs or modifications.

(f) Solves unusually complex problems of diagnosis, modification and repair.

(g) Estimates repair requirements and costs and requisitions replacement parts and supplies.

(h) Supervises general technical and complex repair of electronics equipment from organizational through depot level.

(i) Determines substitutability or fabrication of minor parts and electronic assemblies.

(j) Advises commander or staff officers on electronics equipment development, procurement, capabilities, limitations and employment.

(k) Evaluates maintenance performed.

- (2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Provides technical guidance and direction to subordinate operating elements.

(c) Advises members of allied forces using U.S. Army electronics equipment.

- (3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Provides guidance and technical direction to subordinate elements or other staff elements.

- (4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Manages the development of training packages to ensure that Army personnel are prepared to operate and maintain new systems prior to fielding.

h. *Grading and position titles*. Authorized position titles are provided in appendixes B and C. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-918B-1*. Standards of grade TOE/MTOE.

(2) *Table 8-918B-2*. Standards of grade TDA.

#### **8-104. Area of Concentration 919— Engineer Equipment Repair**

There is one warrant officer specialty within this AOC. The skills and knowledge required to qualify for this specialty provide technical expertise to operate, maintain, and repair the Army's engineer equipment.

#### **8-105. Military Occupational Specialty 919A—Engineer Equipment Repair Technician**

a. *Licensing/certification requirement*. None.

b. *Prerequisites*. DA Cir 601 series.

c. *MOS 919A*. MOS 919A is an accession MOS. The enlisted feeder MOSs are 52C, 52D, 52F, 52X, and 62B.

d. *Associated SQI*.

- (1) 0—No special qualifications.

- (2) 7—Parachutist.

- (3) 8—Instructor.

- (4) T—Transition (personnel only).

- (5) Z—Research, Development, Test, and Evaluation Technician.

e. *Associated ASI*.

- (1) 6M—Mobilization and Demobilization Operations.

- (2) 6P—Master Fitness Trainer.

f. *Qualifications*.

- (1) WO1/CW2 must—

(a) Complete the Warrant Officer Basic Course.

(b) Have 20/20 correctable vision, normal color color discrimination per AR 40-501, full use of upper and lower extremities, and have normal hearing per AR 40-501.

(c) Be a U.S. citizen. Qualify for a security clearance of SECRET.

- (2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Complete the Warrant Officer Advanced Course.

- (3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Complete the Warrant Officer Staff Course (WOSC).

- (4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Complete the Warrant Officer Senior Staff Course (WOSSC).

g. *Duties*.

- (1) WO1/CW2—

(a) Supervises personnel in maintenance of engineer equipment.

(b) Analyzes malfunctions and supervises minor repair and adjustment of engineer equipment utilized for power generation, earthmoving, shaping and compacting, lifting and loading, quarrying and rock crushing, asphalt concrete mixing and surfacing, water purification, refrigeration and air conditioning, missile systems support, water gap crossing, POL transfer and engineer electronic application.

(c) Supervises organizational maintenance of non-engineer equipment assigned by equipment authorization documents.

(d) Inspects incoming equipment to determine repair requirements, assigns work to subordinates, and ensures quality of work performed by inspection of outgoing equipment.

(e) Establishes maintenance and repair schedules based on equipment schedules and availability of parts, tools, and personnel and unit mission.

(f) Establishes internal administrative procedures to procure, store, and issue publications, tools, parts, and POL.

(g) Manages maintenance float items to replace equipment not repairable within prescribed time limits.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Supervises all aspects of operation of a general support activity.

(c) Supervises personnel engaged in organizational and direct support maintenance and staff responsibilities.

(3) CW4 performs duties described in paragraph g(2).

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Provides leadership, guidance, technical expertise and direction to supported elements, staff agencies and commanders at all levels of the U.S. Army.

*h. Grading and position titles.* Authorized position titles are provided in appendixes B and C. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-919A-1. Standards of grade TOE/MTOE.*

(2) *Table 8-919A-2. Standards of grade TDA.*

#### **8-106. Branch 92—Quartermaster**

(Proponent: Office of the Quartermaster General) Manages property book accounts, retail supply systems, airdrop systems, and food service programs in both tactical and peacetime environments. Supports the Army at all command levels by planning, coordinating, and directing technical Quartermaster type functions and operations.

#### **8-107. Area of Concentration 920—Supply**

There are two warrant officer specialties within this AOC (neither of which are interchangeable), that provide two separate tracks of technical expertise towards implementing the Army's supply accounting and management policy below the wholesale level.

#### **8-108. Military Occupational Specialty 920A—Property Accounting Technician**

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 920A.* MOS 920A is an accession MOS. The primary enlisted feeder MOS is 92Y; however, MOS 76J may serve as a feeder depending on individual experiences.

*d. Associated SQI.*

(1) 0—No special qualifications.

(2) 7—Parachutist.

(3) 8—Instructor.

(4) T—Transition (personnel only).

(5) Z—Research, Development, Test, and Evaluation Technician.

*e. Associated ASI.*

(1) 6M—Mobilization and Demobilization Operations.

(2) 6P—Master Fitness Trainer.

*f. Qualifications.*

(1) WO1/CW2 must—

(a) Successfully complete the Property Accounting Technician Warrant Officer Basic Course (WOBC).

(b) Have 20/20 correctable vision and normal color discrimination per AR 40-501.

(c) Have normal hearing.

(d) Be a U.S. citizen. Qualify for a security clearance of SECRET.

(2) CW3 must—

(a) Meet qualifications described in paragraph f(1).

(b) Successfully complete the Property Accounting Technician Warrant Officer Advanced Course (WOAC).

(3) CW4 must—

(a) Meet qualifications described in paragraph f(2).

(b) Successfully complete the Warrant Officer Staff Course (WOSC).

(4) CW5 must—

(a) Meet qualifications described in paragraph f(3).

(b) Successfully complete the Warrant Officer Senior Staff Course (WOSSC).

*g. Duties.*

(1) WO1/CW2—

(a) Serves as a technician or technical manager in a narrow technical functional area, generally at battalion or lower level organizations or as one of several property book team chiefs in the DISCOM, or where property book teams are established in support of the automated Standard Property Book System (SPBS). Additionally, will serve in a junior position in organizations where other senior Property Accounting Technician(s) are assigned.

(b) Supervises the technical aspects of unit property book records per AR 710-2.

(c) Performs in both manual and automated property book accounting environments with the related functions associated with accurate property accountability.

(d) Monitors and performs evaluations of subordinate supply operations per Command Supply Discipline Program (CSDP) and AR 710-2.

(e) Conducts financial inventory accounting as applied to the Army's budgeting system.

(f) Complies with appropriate regulations, forms and procedures pertaining to property books, hand receipts and other property accounting documents.

(2) CW3—

(a) Performs duties described in paragraph g(1).

(b) Serves as the senior Property Accounting Technician in mid-level management positions; generally at the brigade/group/regiment level; positions requiring a level of independence from supervision. Additionally, may serve as the Assistant Division Property Book Officer, or as the senior technician in the Reports Branch of DISCOM.

(c) Provides internal and external training and technical advice to junior Property Accounting Technicians.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Instructs and provides technical advice to other countries in the development and management of their asset visibility programs.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Serves as the most senior Property Accounting Technician in positions as technical advisor/analyses to commanders dealing in such complex areas as: force modernization, personnel management logistical support analysis, intergraded logistics support, project management development/analysis, logistics management and systems development.

*h. Grading and position titles.* Authorized position titles are provided in appendixes B and C. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-920A-1. Standards of grade TOE/MTOE.*

(2) *Table 8-920A-2. Standards of grade TDA.*

#### **8-109. Military Occupational Specialty 920B—Supply Systems Technician**

*a. Licensing/certification requirement.* None.

*b. Prerequisites.* DA Cir 601 series.

*c. MOS 920B.* MOS 920B is an accession MOS. The primary enlisted feeder MOS is 92A.

*d. Associated SQI.*

- (1) 0—No special qualifications.
  - (2) 7—Parachutist.
  - (3) 8—Instructor.
  - (4) T—Transition (personnel only).
  - (5) Z—Research, Development, Test, and Evaluation Technician.
- e. Associated ASI.*
- (1) 6M—Mobilization and Demobilization Operations.
  - (2) 6P—Master Fitness Trainer.
- f. Qualifications.*
- (1) WO1/CW2 must—
    - (a) Successfully complete the Supply Systems Warrant Officer Basic Course (WOBC).
    - (b) Have 20/20 correctable vision and normal color discrimination per AR 40-501.
    - (c) Have normal hearing per AR 50-5.
    - (d) Be a U.S. citizen. Qualify for a security clearance of SECRET.
  - (2) CW3 must—
    - (a) Meet qualifications described in paragraph f(1).
    - (b) Successfully complete the Supply Systems Technician Warrant Officer Advanced Course (WOAC).
  - (3) CW4 must—
    - (a) Meet qualifications described in paragraph f(2).
    - (b) Successfully complete the Warrant Officer Staff Course (WOSC).
  - (4) CW5 must—
    - (a) Meet qualifications described in paragraph f(3).
    - (b) Successfully complete the Warrant Officer Senior Staff Course (WOSSC).
- g. Duties.*
- (1) WO1/CW2—
    - (a) Serves as technician or technical manager in a narrow technical functional area; generally at platoon, detachment, company or at the position in other organizations where senior Supply Systems Technician(s) are assigned.
    - (b) Generally this individual will serve alone in organizations which provide the following type supply support:
      - 1. Nondivisional: Mission Supply Support Activity (SSA) with less than 3000 Authorized Stockage Line (ASL) and less than 30 personnel assigned or Customer Supply Support activity (SSA) with less than 3000 Authorized Stockage Lines (ASL) and less than 30 personnel assigned.
      - 2. Divisional: All Forward Supply Support Activities. As a team member (Storage & Exchange section) in all Main Supply Support Activities.
    - (c) Serves as a team member in the following:
      - 1. Division, DMMC.
      - 2. Separate Brigade/Regiment/COSCOM/Group/Command.
      - 3. Corps MMC.
    - (d) Instructs, manages and supervises personnel within a Supply Support Activity (SSA) concerning supply systems policy and functional procedures.
    - (e) Manages the receipt, storage and issuance of supplies and equipment at the SSA level in accordance with established policies and regulations.
    - (f) Plans stockage level requirements for stockage and control based on accumulation and demand.
    - (g) Controls management of operational float stocks to ensure compliance with Army policy.
    - (h) Inspects supported units to ensure stockage levels do not exceed prescribed levels.
    - (i) Provides technical guidance to personnel of supported units/activities in order to assist, establish, and maintain adequate stockage levels for mission accomplishment.
    - (j) Conducts periodic inventories of stockage supply items, initiates action for disposition of excesses and makes recommendations for changes to the authorized stockage list (ASL).
    - (k) Develops standard operating procedures and performs administrative duties related to the supply activity.
  - (2) CW3—

- (a) Performs duties described in paragraph g(1).
  - (b) Serves as the senior Supply Systems Technician in mid-level management positions; generally at the battalion (Separate Heavy Support and Main Support), and at the Brigade/Regiment level; positions requiring a level of independence from supervision. Additionally, will serve in senior level positions within the Division and COSCOM.
  - (c) Generally this individual will serve in positions which require the following advanced level MOS skills in supply support: — Nondivisional: Mission Supply Support Activity (SSA) with 3000 or more Authorized Stockage Lines (ASL) and 30 or more personnel authorized or Customer Supply Support Activity (SSA) with 3000 or more Authorized Stockage Lines (ASL) and 30 or more customers.
  - (d) Serves as a team leader or member at the following:
    - 1. Division, DMMC.
    - 2. Separate Brigade/Regiment/COSCOM/Group/Command.
    - 3. Corps MMC.
  - (e) Instructs other countries in the development and management of their respective supply support systems.
  - (3) CW4—
    - (a) Performs duties described in paragraph g(2).
    - (b) As the senior Supply Systems Technician, serves in technical management and advisor positions requiring advanced level staff and technical skills and a high degree of independence from supervision. Will serve at selected Groups (Area Support or Corps Support), but will generally serve at Division, COSCOM, TAACOM or MACOM levels.
    - (c) Performs in contracting management and budgeting, requiring advanced written and oral skills.
    - (d) As the senior Supply Systems Technician, will generally serve as the supervisor of other MOS 920Bs who actually manage the supply accounts.
    - (e) Instructs and provides technical advice to other countries in the development and systems management of their supply systems.
    - (f) Serves as special project/action officer, technical analysis, technical advisor on the G-staffs, and as a systems designer/developer.
  - (4) CW5—
    - (a) Performs duties described in paragraph g(3).
    - (b) Serves as the most senior Supply Systems Technician in positions as technical advisor/analyses to major commanders in such complex areas as: force modernization, personnel management, logistical support analysis, integrated logistics support, project management development/analysis, logistics management and systems developments.
    - (c) Serves in positions which require an unusual depth and breadth of technical knowledge for functional training and curriculum development.
    - (d) Serves in selected QM branch MOS immaterial positions such as the career manager at PERSCOM, Chief of QM Warrant Officer Training, or as Chief Warrant Officer of the QM Corps. May be selected to serve in the CSS MOS immaterial position as CSS Warrant Officer Personnel Proponent at CASCOM. Additionally, may be selected to serve in Army Warrant Officer MOS immaterial positions at the DA level.
    - h. Grading and position titles.* Authorized position titles are provided in appendixes B and C. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:
      - (1) *Table 8-920B-1.* Standards of grade TOE/MTOE.
      - (2) *Table 8-920B-2.* Standards of grade TDA.
- 8-110. Area of Concentration 921—Airdrop Operations**  
Provides technical guidance to commanders and staff of activities with the mission of conducting/receiving airborne and/or airdrop operations. Supervises inspection of parachutes and parachute components to detect flaws in materials and workmanship. Supervises packing of parachutes. Ensures that unserviceable, nonrepairable,

and overage parachutes are retired from inventory. Supervises air-drop rigging activities and airdrop equipment maintenance activities. Maintains compliance standards and criteria for life support systems and other airdrop equipment.

### **8-111. Military Occupational Specialty 921A—Airdrop Systems Technician**

- a. *Licensing/certification requirement.* None.
- b. *Prerequisites.* DA Cir 601 series.
- c. *MOS 921A.* MOS 921A is an accession MOS. The enlisted feeder MOS is 92R.
- d. *Associated SQI.*
  - (1) 0—No special qualifications.
  - (2) 8—Instructor.
  - (3) T—Transition (personnel only).
  - (4) Z—Research, Development, Test, and Evaluation Technician.
- e. *Associated ASI.*
  - (1) 4X—Military Free Fall Special Operations.
  - (2) 6M—Mobilization and Demobilization Operations.
  - (3) 6P—Master Fitness Trainer.
- f. *Qualifications.*
  - (1) WO1/CW2 must—
    - (a) Successfully complete the Airdrop Systems Technician Warrant Officer Basic Course (WOBC).
    - (b) Have 20/20 correctable vision and normal color discrimination per AR 40-501.
    - (c) Have normal hearing.
    - (d) Be a U.S. citizen. Qualify for a security clearance of SECRET.
  - (2) CW3 must—
    - (a) Meet qualifications described in paragraph f(1).
    - (b) Successfully complete the Airdrop Systems Technician Warrant Officer Advanced Course (WOAC).
  - (3) CW4 must—
    - (a) Meet qualifications described in paragraph f(2).
    - (b) Successfully complete the Warrant Officer Staff Course (WOSC).
  - (4) CW5 must—
    - (a) Meet qualifications described in paragraph f(3).
    - (b) Successfully complete the Warrant Officer Senior Staff Course (WOSSC).
- g. *Duties.*
  - (1) WO1/CW2—

(a) Serves as a technician or technical manager in a narrow technical functional area; generally at platoon, detachment or company level. Additionally, will serve at battalion level in a junior position where other senior Airborne Systems Technician(s) are assigned.

(b) Provides broad general guidance and final approval of plans for the repair of parachutes and associated equipment; and establishment of rigging sites that support airdrop and airborne operations.

(c) Instructs and trains assigned personnel in airdrop procedures and equipment support techniques.

(d) Provides unit certification and continuing validation of technical proficiency of personnel and/or products.

(e) Ensures the use of doctrinal procedures in adjustments, care and preservation of parachutes, support equipment, tools and machinery.

(f) Coordinates loading of equipment and supplies into aircraft and participates in joint airdrop load inspections.

(g) Provides technical advice to the command and staff responsible for selecting, establishing and organizing fixed and mobile facilities for rigging and packaging equipment to be dropped from aircraft.

(h) Provides technical advice in all areas of airdrop operations for the organization's mission responsibilities.
  - (2) CW3—
    - (a) Performs duties described in paragraph g(1).
    - (b) Serves as the senior Airdrop Systems Technician in mid-level

management positions; generally at the platoon, detachment, company and battalion level requiring a certain degree of independence from supervision.

(c) Serves as the commander's senior technical advisor/analysis in all areas of airdrop operations for the organization's mission responsibilities.

(3) CW4—

(a) Performs duties described in paragraph g(2).

(b) Serves as the senior Airdrop Systems Technician in positions requiring advanced level staff and technical skills; generally at Corps or higher levels; positions requiring independence from supervision.

(c) Is responsible for synthesizing airdrop activities with all MACOMs, Integrating Centers and TRADOC schools.

(d) Synthesizes airdrop activities with all MACOMs, Integrating Centers and TRADOC schools.

(e) Provides direct interface with Air Force, Navy and Marine Corps elements involved in airdrop operations.

(f) Serves in positions requiring advanced technical skills to perform duties relate to test and evaluation and the development of safety policy and doctrine.

(g) Instructs and provide technical advice to countries in the development and management of their respective airdrop systems.

(4) CW5—

(a) Performs duties described in paragraph g(3).

(b) Serves as the most senior Airdrop Systems Technician in positions which require an unusual depth and breadth of technical knowledge for functional training and curriculum development or major systems integration skills.

(c) Provides technical advice and assistance in regards to airdrop activities worldwide, to include all aspects of training, personnel, doctrine, force structure, research, development and requirements.

(d) Develops, reviews and updates the life-cycle management of Airborne Systems Technicians structure and force.

h. *Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1 and CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-921A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-921A-2.* Standards of grade TDA.

### **8-112. Area of Concentration 922—Food Service Operation**

Coordinates and supervises the Food Service Program for installations, commands or organizations to include dissemination of information; managing personnel; determining technical training requirements; developing and conducting training for officer, enlisted, and civilian personnel; and developing management plans for food service. Develops and coordinates implementation of dining facility modernization and new construction programs. Develops, coordinates, and monitors budget requirements for food service equipment and expendable supplies for both garrison and field requirements. Plans, trains, and implements changes in nutritional awareness programs, modification of menus, and implementation of low calorie menus. Coordinates with Troop Issue Subsistence Activities (TISA) and Class I points to ensure availability of appropriate subsistence for both garrison and field manuals to ensure adequate timely resupply, and to ensure reconfiguration of nonunitized field rations into nutritionally acceptable menus. Evaluates field feeding requirements and develops milestone plans to support major field exercises. Reviews and monitors requisitions for Class I, III, and IX supplies to support food service operations, and coordinates all planning for food service support for field training. Evaluates garrison and field feeding operations to ensure food service personnel are complying with food service regulations relative to food preparation, service, accountability, and sanitation. Ensures that medical surveillance is conducted on Prepositioned War Reserve Stocks (PWRS). Develops menus and coordinates with TISA to ensure that PWRS nearing expiration date are integrated into dining facilities for consumption. As a contracting officer representative (COR), inspects

full food service contract dining facilities to determine if they are in compliance with the terms of the contract. In the absence of qualified medical personnel, exercises surveillance and condemnation of suspect or spoiled subsistence. Detects waste, fraud, and abuse of subsistence and takes appropriate action.

### **8-113. Military Occupational Specialty 922A—Food Service Technician**

- a. Licensing/certification requirement.* None.
- b. Prerequisites.* DA Cir 601 series.
- c. MOS 922A.* MOS 922A is an accession MOS. The enlisted feeder MOS is 92G.
- d. Associated SQI.*
- (1) 0—No special qualifications.
  - (2) 7—Parachutist.
  - (3) 8—Instructor.
  - (4) T—Transition (personnel only).
  - (5) Z—Research, Development, Test, and Evaluation Technician.
- e. Associated ASI.*
- (1) 6M—Mobilization and Demobilization Operations.
  - (2) 6P—Master Fitness Trainer.
- f. Qualifications.*
- (1) WO1/CW2 must—
    - (a) Successfully complete the Food Service Technician Warrant Officer Basic Course (WOBC).
    - (b) Have 20/20 correctable vision and normal color discrimination per AR 40-501.
    - (c) Have normal hearing.
    - (d) Be a U.S. citizen. Qualify for a security clearance of SECRET.
  - (2) CW3 must—
    - (a) Meet qualifications described in paragraph f(1).
    - (b) Successfully complete the Food Service Technician Warrant Officer Advanced Course (WOAC).
  - (3) CW4 must—
    - (a) Meet qualifications described in paragraph f(2).
    - (b) Successfully complete the Warrant Officer Staff Course (WOSC).
  - (4) CW5 must—
    - (a) Meet qualifications described in paragraph f(3).
    - (b) Successfully complete the Warrant Officer Senior Staff Course (WOSSC).
- g. Duties.*
- (1) WO1/CW2—
    - (a) Serves as a technician or technical manager in a narrow technical functional area, generally as the brigade/group Food Service Officer or as the Assistant Division Food Service Officer. Additionally, can serve as an Installation Food Service Officer.
    - (b) Manages personnel, equipment, and facilities to implement the Combat Food Service Program, in training, mobilization during peace and wartime.
    - (c) Advises commanders on matters pertaining to Combat Field Feeding System and Theater of Operations.
    - (d) Supervises to subordinate unit dining facilities and field kitchens.
    - (e) Trains military and civilian personnel in procurement, storage, preparation and serving of food.
  - (f) Coordinates with Troop Issue Subsistence Activity (TISA) and Field Ration Break Point to ensure smooth and efficient flow of rations to dining facilities and field kitchens.

(g) Assists commanders in balancing field ration issues at end of TISA accounting periods.

(h) Conducts surveys of food, equipment, personnel and facilities.

(i) Budgets for and requisitions supplies and equipment to include replacing equipment through life-cycle management. Prepares reports on design deficiencies in equipment and facilities.

(j) Coordinates with Surgeon personnel on sanitation, nutritional surveys and in menu testing.

(k) Interprets and disseminates food service information, inspects field and installation food service operations and provides technical assistance to nonappropriated fund food service activities.

(l) Provides technical advice to the commander and staff during preparation of operational plans.

(2) WO1/CW2—

(a) Performs duties described in paragraph g(1).

(b) Serves in positions requiring a level of independence from supervision; such as the Division Food Service Officer or as Command Food Service Officer for an Area Support Group.

(c) Advises on matters pertaining to the establishment of programs in the culinary arts for Army food service personnel.

(3) CW3—

(a) Performs duties described in paragraph g(2).

(b) Serves as the senior Food Service Technician in positions requiring advanced level staff and technical skills; generally at the Corps or MACOM level, positions requiring independence from supervision.

(c) Instructs and provides technical advice to other countries in the development and management of their food service program.

(d) Instructs and provides technical advice to other countries in the development and management of their food service program.

(4) CW4—

(a) Performs duties described in paragraph g(3).

(b) Serves as the most senior Food Service Technician in positions which require an unusual depth and breadth of technical knowledge for functional training and curriculum development or major systems integration skills.

(c) Develops, reviews and updates the life-cycle management for all Food Service warrant officers.

(d) Advises MACOM commanders dealing in force modernization, personnel management, logistics support analysis, integrated logistics support and integrated food service support.

(e) Serves in positions such as the Army's food Service Technician, MACOM Food Service Technician or may be selected to serve in QM branch MOS immaterial positions such as the career manager at PERSCOM or as Chief Warrant Officer of the Quartermaster Corps. Additionally, may be selected to serve in Army Warrant Officer immaterial positions at the DA level.

*h. Grading and position titles.* Authorized position titles are provided in tables 6-2 and 6-3. The following grades are used to code positions into one of four definable skill levels: W2 equals WO1/CW2; W3 equals CW3; W4 equals CW4; and W5 equals CW5. The grades are listed in the following standards of grade tables:

(1) *Table 8-922A-1.* Standards of grade TOE/MTOE.

(2) *Table 8-922A-2.* Standards of grade TDA.

**Table 8-011A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	011A0	Tac Officer	
2		USAREC	WO Tm, Res Aff Dir	011A0	Recruit Off	USAR.
3	W3	All units	All sections	011A0	Sr Tac Officer	AERS position.
4		ARPERCOM	All sections	011A0	Pers Mgt Off	USAR. Subsequent positions graded W2.
5	W4	ARPERCOM	WO Entry Br, OPMD	011A0	Chief	USAR.
6		ARPERCOM	WO Br, OPMD	011A0	Pers Mgt Off	USAR. Second position graded W3. Subsequent positions graded W2.
7		FTS Mgt Ctr	CS/CSS Br, Off Div	011A0	Pers Mgt Off	USAR.
8		PERSCOM	WO Div	011A0	Prof Dev Off	AERS position. Subsequent positions graded W3.
9		USARF Sch	Staff & Faculty	011A8	Instructor	USAR. Subsequent positions graded W3.
10		WO Career Ctr	Opns Spt Br	011A0	Chief	AERS position.
11		WO Career Ctr	WO Cand Co	011A0	Commander	AERS position.
12		WO Career Ctr	WO Tng Br	011A8	Instructor	AERS position. Subsequent positions also graded W4.
13	W5	ARNG Readiness Ctr	MPD Off Br	011A0	WO Prog Mgr	ARNG.
14		ARPERCOM	WO Br, OPMD	011A0	Chief	USAR.
15		CAC	Ldr Dev Br	011A0	WO Ldr Dev Act Off	AERS position.
16		DA DCSPER	Officer Mgt Div	011A0	WO Pers Policy Intgr	AERS position.
17		FORSCOM	J1	011A0	WO Pers Distr Off	AERS position.
18		OCAR	Pers Div	011A0	WO Prog Mgr	USAR.
19		PERSCOM	WO Div	011A0	Deputy Chief	AERS position.
20		PERSCOM	WO Div	011A0	Chief, Prof Dev Br	AERS position.
21		TRADOC	Ldr Dev Div	011A0	Ldr Dev Staff Off	AERS position.
22		USAREC	WO Tm, Res Aff Dir	011A0	Chief	USAR.
23		WO Career Ctr	Directorate	011A0	Director	AERS position.
24		WO Career Ctr	WO Tng Br	011A0	Chief	AERS position. May be coded with SQI 8.
25		WO Career Ctr	WO Tng Br	011A0	Sr Instructor	AERS position. May be coded with SQI 8.
26		WO Career Ctr	Directorate	011A0	USAR Deputy Director	USAR. AERS position.

**Table 8-131A-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	Any unit	Any section	131A0	Tgt Acq Radar Tech	
2		FA Bn 155SP	Intel	131A0	Targeting Officer	
3		FA Tgt Acq Btry	Mortar Loc Rdr/WLRS	131A0	Tgt Acq Radar Tech	
4		FA Tgt Acq Btry	Counter Btry Rdr/WLRS	131A0	Tgt Acq Radar Tech	
5		Corps Tgt Acq Det	Counter Btry Rdr/WLRS	131A0	Tgt Acq Radar Tech	
6		FA Bn 105T (LID, Abn, AASLT, SIB)	Mortar Loc Rdr/WLRS	131A0	Tgt Acq Radar Tech	
7		FA Bn 155T	Intel Sec	131A0	Targeting Officer	
8		FA Tgt Acq Btry	Processing	131A0	Asst Counterfire Off	
9		FA Bn 8" SP	Intel	131A0	Targeting Officer	
10		FA Bn 105T (LID, Abn, AASLT, SIB)	Mvr Bde FSE	131A0	Targeting Officer	
11		FA Bn 155SP Sep Bde	Counter Mortar Radar	131A0	Tgt Acq Radar Tech	
12		Armd Cav Reg	Regt FSE	131A0	Targeting Analyst	
13	W3	Div Arty	TOC	131A0	Counterfire Officer	
14		Div Arty	FSE	131A0	FA Intel Officer	
15		FA Bde	TOC/Target Element	131A0	Counterfire Officer	
16	W4	Div Arty	FSE	131A0	Targeting Officer	
17		Corps Arty	TOC	131A0	Targeting Officer	Second position graded W3.
18		Corps Arty	FSE	131A0	FA Intel Officer	
19	W5	Corps Arty	FSE	131A0	Targeting Officer	

**Table 8-131A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position Description	Remarks
1	W2	Any unit	Any section	131A0	Target Acq Radar Tech	
2		STARC/DARC/TARC	Any directorate	131A0	Tgt Acq Radar Tech	ARNG.
3	W3	USA FA Sch	Dir Combat Dev	131A0	CD FF Act Officer	
4		USA FA Sch	Warfighter Div	131A8	Instructor	
5		USA FA Sch	Off Chief FA	131A0	SAO	
6	W4	USA NTC	Fire Spt Tng Div	131A0	Observer Cont	
7		Joint Read Tng	FA Bn Ops Tm	131A0	Observer Cont	
8		USA FA Sch	Battle Lab	131A0	New Sys Mgr	
9		USA FA Sch	Dir Combat Dev	131A0	CD FF Act Officer	
10		USA FA Sch	Warfighter Div	131A8	Instructor	
11		USA OPTEC	TA Test Div	131A0	Test Officer	
12		PEO-IEW-RD	Firefinder	131A0	Asst Product Mgr	
13		CECOM RDEC	NVESD-Radar	131A0	Target Acq Radar Tech	
14	W5	USA FA Sch	FA Prop Off	131A0	FA Warrant Act Officer	
15		USA FA Sch	Warfighter Branch	131A0	Targeting Officer	May be coded with SQL 8.
16		USA FA Sch	Warfighter Div	131A8	Instructor	

**Table 8-140A-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	140A0	C2 Sys Integrator	May be coded with SQL 7.
2	W4	ADA Bde (Corps)	S2/S3 Section	140A0	C2 Sys Integrator	Second position graded W3.
3		ADA Bde (EAC)	S2/S3 Section	140A0	C2 Sys Integrator	Second position graded W2.

**Table 8-140A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	140A0	C2 Sys Integrator	
2	W3	USAADASCH	S2/S3 Section	140A0	C2 Sys Integrator	
3		USAADASCH	MOD Section	140A0	TD Proj Off	
4		USAADASCH	FAAD SHOR	140A0	C2 Sys Integrator	Second position graded W3.
5		USAADASCH	C3I Inter	140A0	SME/WTR	
6		USAADASCH	C4I Section	140A0	C2 Sys Integrator	
7		USA Spt Act Saudi Arabia	Army Act Det	140A0	C2 Sys Integrator	
8		Sec Assit Tng Tm	UAE Section	140A0	C2 Sys Integrator	
9		USA Space Cmd	C4I Shift Ops Sec	140A0	C2 Sys Integrator	
10		USA Spt Tm	RTD	140A0	Trainer	
11	W5	USAADASCH	TMD Section	140A0	C2 Sys Integrator	
12		USAADASCH	Jr Leader Tm	140A8	Instructor	AERS position. Sec- ond position graded W3.

**Table 8-140B-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	140B0	FAAD Sys Tech	
2	W3	ADA Bn, CHAP	S4	140B0	FAAD Sys Tech	
3	W4	ADA Bde, Corps	Sys Tech Staff	140B0	FAAD Sys Tech	

**Table 8-140B-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
No Action Required						

**Table 8-140D-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	140D0	HAWK Sys Tech	
2	W3	ADA Bn, HAWK	Electronics Sec	140D0	HAWK Sys Tech	
3	W4	ADA Bde, Corps	Tech Maint Staff	140D0	HAWK Sys Tech	

**Table 8-140D-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
No Action Required						

**Table 8-140E-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	140E0	PATRIOT Sys Tech	
2	W3	ADA Bn, PATRIOT	S2/S3	140E0	PATRIOT Sys Tech	
3	W4	ADA Bde, Corps	Tech Maint Staff	140E0	PATRIOT Sys Tech	
4		ADA Bde (EAC)	Tech Maint Staff	140E0	PATRIOT Sys Tech	

**Table 8-140E-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	140E0	PATRIOT Sys Tech	
2	W3	USAADASCH	Sys Eval Div	140E0	Eval WO	
3		USAADASCH	S/W Div	140E0	PATRIOT Sys Tech	
4		USAADASCH	PATRIOT Br	140E0	TD Proj WO	
5		USAADASCH	SFWR Spt Br	140E0	Proj Off	
6		USAADASCH	Equip Maint Br	140E0	Unit Mt Tech	Position may be coded with SQI 8. AERS position.
7		USAADASCH	PATRIOT M/T Br	140E8	Instr	
8		MICOM	TSO AN/MA	140E0	PATRIOT Sys Tech	
9		MICOM	PATRIOT Prog Off	140E0	PATRIOT Sys Tech	
10	W4	USAADASCH	S4	140E0	PATRIOT Sys Tech	Second position graded W3.
11		USAADASCH	S3	140E0	PATRIOT Sys Tech	
12		USAADASCH	TMD Br	140E0	TD Proj Off	
13		USAADASCH	WO Instr Br	140E8	Instr	AERS position. Subsequent positions graded W4.
14		USAADASCH	HIMAD Br	140E0	Maint Tech	
15		USAADASCH	MOD Br	140E0	TD Proj Off	
16		USAADASCH	Off Tng Div	140E0	TD Proj Off	
17		USAADASCH	HIMAD Br	140E0	Tng Dev/Wtr	
18		MICOM	PATRIOT Div	140E0	PATRIOT Sys Tech	
19		MICOM	TSO-Orlando	140E0	PATRIOT Sys Tech	
20		USA Elm Jt Warfare	R/W Sys Anal	140E0	PATRIOT Sys Tech	
21		USA OPTEC	Op Eval Cmd	140E0	Maint Tech	
22		AADCOM (Aug)	Wpn Sys Repl Sec	140E0	PATRIOT Sys Tech	

**Table 8-140E-2**  
Standards of grade TDA—Continued

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
23	W5	USAADASCH	Pers Proponent Div	140E0	Mgr, WO Prog	AERS position. See note.
24		USAADASCH	WO Instr Br	140E8	Instr	AERS position.
25		USAADASCH	HIMAD Br	140E0	PATRIOT Sys Tech	Second position graded W4.

Notes:

Branch specific/MOS nonspecific. May be filled by warrant officer holding any Air Defense Branch MOS.

**Table 8-150A-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	Avn Det ATC	ATC Plt Hq	150A0	ATC Tech	
2	W3	ATC Bn	S-2/S-3 Section	150A0	ATC Tech	
3	W4	ATC Group	S-2/S-3 Section	150A0	ATC Tech	

**Table 8-150A-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	Hq STARC ARNG	ATC Spt Br	150A0	ATC Tech	
2	W3	USAR Det Signal	ATC Section	150A0	ATC Tech	
3	W4	STARC/DARC/TARC	Any directorate	150A0	ATC Tech	ARNG.

**Table 8-151A-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	151A0	Avn Maint Tech	May be coded with SQI 7.
2		All units	All sections	151AE	Acft Armt Maint Off	
3	W3	Aeromed Evac Bn	Command section S4	151A0	Avn Logistics Tech	May be coded with SQI 7.
4		Avn Bn/Sqdr	Command section S4	151A0	Avn Logistics Tech	May be coded with SQI 7 or SQI E.
5		Avn Maint (AVIM)	All sections	151AE	Acft Armt Maint Off	
6		Avn Maint Co (AVIM)	Prod Control Sec	151A0	Prod Cont Officer	May be coded with SQI 7 or SQI E.
7		SOA Units	All sections	151A0	Acft Maint Tech	May be coded with SQI 7.
8		SOA Units	All sections	151AE	Acft Armt Maint Tech	
9	W4	Avn Bde/Grp/Rgt	Command section S-4	151A0	Avn Logistics Tech	May be coded with SQI 7 or SQI E.
10		Avn Maint Bn (AVIM), HHC	Maint/Sup Ops Sec	151A0	Avn Logistics Tech	May be coded with SQI 7 or SQI E.
11		SOA Avn Maint Co (AVUM/AVIM)	Prod Control Sec	151A0	Prod Cont Officer	May be coded with SQI 7 or SQI E.
12	W5	Aslt Div Spt Cmd, HHC	Aviation Branch	151A0	Avn Logistics Tech	May be coded with SQI E.
13		Corps Sup Cmd, MMC	Avn Maint Br	151A0	Avn Logistics Tech	May be coded with SQI E.
14		TA Spt Cmd, MMC	Avn Maint Br	151A0	Avn Logistics Tech	May be coded with SQI E.

**Table 8–151A–2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	151A0	Avn Maint Tech	May be coded with SQI 7.
2		All units	All sections	151AE	Acft Armt Maint Off	
3	W3	Avn Maint (AVIM)	All sections	151AE	Acft Armt Maint Off	
4		MACE	All sections	151A0	Depot Avn Maint Off	May be coded with SQI E.
5		USAG Ft Polk	Maint Div	151A0	Avn Maint Tech	
6		USA Intel Ctr	Maint Plt	151A0	Avn Maint Tech	
7		USAR FTUS	All sections	151AE	Acft Armt Maint Off	
8	W4	All units	All sections	151A0	Project Officer	One W4 per separate project. Subsequent positions graded W3. May be coded with SQI Z.
9		All units	All sections	151A8	Instructor	Second position graded W3. Subsequent positions graded W2.
10		All units	All sections	151AZ	RDTE Tech	Subsequent positions graded W3.
11		ARNG Readiness Ctr	Logistics Div	151AE	Acft Armt Maint Tech	ARNG.
12		AVCRAD	All sections	151A0	Acft Maint Tech	ARNG. Subsequent positions graded W3.
13		AVCRAD	All sections	151AE	Acft Armt Maint Off	ARNG. Subsequent positions graded W3.
14		AVCRAD	All sections	151A0	Branch Chief	ARNG. May be coded with SQI E.
15		AVCRAD Mob Cont Elm	All sections	151A0	Maint Officer	ARNG. Subsequent positions graded W3. May be coded with SQI E.
16		EAATS/WAATS	All sections	151A8	Instructor	ARNG. Subsequent positions also graded W4.
17		EAATS/WAATS	All sections	151A0	Avn Maint Tech	ARNG.
18		EAATS/WAATS	All sections	151AE	Acft Armt Maint Tech	ARNG.
19		EAATS	Flt Sim Div	151A0	Training Coordinator	ARNG.
20		JRTC Ops Grp	Avn Log Team	151A0	Observer/Controller	May be coded with SQI E.
21		STARC/DARC/TARC	Plns O&T/Spt Stf	151A0	Avn Maint Tech	ARNG.
22		USA Avn Ctr	Avn Spt Br	151A0	Avn Maint Tech	
23		USA Avn Ctr	Comanche Fac Det	151A0	Avn Maint Tech	May be coded with SQI E.
24		USA Avn Ctr	Maint Survl Br	151A0	Maint Spt Shop OIC	
25		USA Avn Ctr	Pers Proponent	151A0	Pers Prop Sys Mgr	
26		USA Avn Log Sch	USA Avn Log Sch Spt Grp	151A0	Division Chief	May be coded with SQI Z.
27		USAE Sinai	Force Cdrs Staff	151A0	Avn Maint Tech	
28		USAG Ft Polk	Maint Div	151A0	Avn Maint Tech	
29		USA NG Ops Act Ctr	Clr Branch	151A0	Avn Maint Analyst	May be coded with SQI E.
30		USA NTC	Avn TF Cbt Trns	151A0	Avn Maint Tech	
31		USA OPTEC	Test Spt Br	151A0	Avionics Tech	May be coded with SQI Z.
32		USA RC Spt Grp/Tech Grp	All sections	151A0	Avn Maint Tech	
33		USA RC Spt Grp/Tech Grp	All sections	151AE	Acft Armt Maint Off	
34		USA Sch of Americas	Maint/Tng	151A0	Avn Maint Tech	
35		USA TC Ctr, Ft Eustis	Org Maint Br	151A0	Avn Maint Tech	
36		USA WOCC	All sections	151A8	Instructor	Subsequent positions also graded W4.
37		WAATS	Range Ops Br	151AE	Acft Armt Maint Off	ARNG.
38	W5	AVCRAD	Any Division	151A0	Avn Maint Tech	ARNG. Subsequent positions graded W4.
39		USA Avn Log Sch	ALSE Div	151A0	Division Chief	
40		USA FORSCOM	Maint/Avn Br	151A0	Avn Logistics Tech	May be coded with SQI E.
41		USA MI Bn	Svc Spt Sec	151A0	Section Chief	

**Table 8-152B-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	152B0	OH-58A/C Scout Pilot	Subsequent positions also graded W2. May be coded with SQI 7.
2		All units	All sections	152B0 H2	ALSE Officer	
3		All units	All sections	152B0 H3	ALSE/EW Officer	
4		All units	All sections	152BC	Instr Pilot	
5		All units	All sections	152BE	Acft Armt Maint Off	Subsequent positions also graded W2.
6		All units	All sections	152BG	Avn Maint Officer	
7	W3	All units	All sections	152B0	Section Leader	
8		All units	All sections	152BB	Avn Safety Officer	
9		All units	All sections	152BF	Sr IP/IFE	
10		All units	All sections	152BI H3	Tac Ops Officer	
11		All units	Company Hq	152BH	Stdzn Instr Pilot	
12		Avn Bn/Sqn	Command Section S4	152B0	Avn Materiel Officer	
13		Avn Maint (AVUM)	All sections	152BG	Avn Maint Officer	
14		Avn Maint (AVIM)	All sections	152BG	Avn Maint Officer	
15	W4	Avn Maint Co (AVIM)	All sections	152BL	Maint Test Flt Eval	
16		Avn Bn/Sqn	Command Section	152BB	Avn Safety Officer	
17		Avn Bn/Sqn	Command Section	152BH	Stdzn Instr Pilot	
18		Avn Bn/Sqn	Command Section S3	152BI H3	Tac Ops Officer	
19	W5	Avn Group/Rgt	Command Section	152BB	Avn Safety Officer	
20		Avn Group/Rgt	Command Section	152BH	Stdzn Instr Pilot	
21		Avn Group/Rgt	Command Section S3	152BI H3	Tac Ops Officer	
22		Avn Group/Rgt	Command Section S4	152B0	Avn Materiel Officer	
23		Avn Maint Bn (AVIM)	Command Section	152B0	Avn Materiel Officer	
24		Avn Maint Co (AVIM)	QC Section	152B0	Section Chief	
25		Corps	Stdzn Section	152B0	Section Chief	

**Table 8-152B-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	152B0	OH-58A/C Pilot	Subsequent positions also graded W2. May be coded with SQI 7.
2		All units	All sections	152B0 H2	ALSE Officer	
3		All units	All sections	152BC	Instr Pilot	
4		USA RC Spt Grp	All sections	152B0	Fwd Ops Off	Subsequent positions also graded W2.
5	W3	All units	All sections	152BB	Avn Safety Officer	
6		All units	All sections	152BF	Sr IP/IFE	
7		All units	All sections	152BG	Avn Maint Officer	
8		All units	Operations	152BI H3	Tac Ops Officer	
9		All units	All sections	152B0	Observer/Controller	
10		USA Avn Ctr	Avn Tng Bn	152B8 G6	Instructor	Subsequent positions also graded W3.
11		USA Avn Ctr	1/223d, ATB	152BC G6	Instr Pilot	
12		USA Avn Ctr	1/212d, ATB	152BC	Instr Pilot	
13		USA RC Spt Grp	All sections	152B0	Asst Ops Officer	Subsequent positions also graded W3. May be coded with SQI G.

**Table 8-152B-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
14	W4	All units	All sections	152B8	Instructor	Subsequent positions graded W3.
15		All units	All sections	152B0	Sr Observer/Cont	May also be coded with SQI G.
16		All units	All sections	152BH	Stdzn Instr Pilot	
17		All units	Command section	152BB	Avn Safety Officer	
18		All units	Command section S3	152BI H3	Tac Ops Officer	
19		All units	Command section S4	152BL	Maint Test Flt Eval	
20		5th Corps Hq Aug	All sections	152BL	Maint Test Flt Eval	
21		5th Corps Hq Aug	All sections	152BH	Stdzn Instr Pilot	
22		AVCRAD	All sections	152BG	Avn Maint Officer	ARNG.
23		EAATS	Flt Stdzn Br	152BH	Stdzn Instr Pilot	ARNG. Subsequent positions also graded W4.
24		EAATS/WAATS	All sections	152B8	Instructor	ARNG. Subsequent positions also graded W4.
25		USA Avn Ctr	All sections	152B0	Flight Leader	Subsequent positions graded W3. May be coded with SQI C.
26		USA Avn Ctr	Asct/Atk Br	152BH	Stdzn Instr Pilot	Subsequent positions also graded W4.
27		USA Avn Ctr	Atk/Sct Br	152BL	Maint Test Flt Eval	Subsequent positions also graded W4.
28		USA Avn Ctr	Stds & Eval Sec, ATB	152BH	Stdzn Instr Pilot	Subsequent positions also graded W4.
29		USA FA Ctr	Afld Ops Branch	152B0	Branch Chief	May be coded with SQI I and ASI H3.
30		USAG Ft Hood	S3 Ops/Tng Br	152B0	OH-58A/C SIP	May be coded with SQI H.
31		USA NTC	Avn Flt Det	152BL	Maint Test Flt Eval	
32		USA RC Spt Grp	All sections	152BB	Avn Safety Officer	
33		USA RC Spt Grp	All sections	152BG	Avn Maint Officer	
34		USA RC Spt Grp	All sections	152BI H3	Tac Ops Officer	
35		USA Safety Ctr	All sections	152BB	Avn Safety Officer	Subsequent positions also graded W4.
36		USA Troop Cmd	EUSA Avn Off	152BH	Stdzn Instr Pilot	
37		WAATS	Accident Prev Br	152BB	Avn Safety Officer	ARNG.
38		WAATS	Aeroscout Tng Br/Flt Stdzn Br	152BH	Stdzn Instr Pilot	ARNG. Subsequent positions also graded W4.
39		WAATS	Quality Cont Sec	152BG	Avn Maint Officer	ARNG.
40	W5	5th Corps Hq Aug	Std & Maint Br	152B0	OH-58A/C MTFE	Subsequent positions graded W4. May be coded with SQI L.
41		5th Corps Hq Aug	Std & Maint Br	152B0	OH-58A/C SIP	Subsequent positions graded W4. May be coded with SQI H.
42		EAATS	Flt Stdzn Branch	152B0	Section Chief	ARNG. May be coded with SQI H.
43		USA Avn Ctr	Asct/Atk Br	152B0	Scout Sec Chief	May be coded with SQI H.
44		USA Avn Ctr	Atk/Sct Br	152B0	Scout Sec Chief	May be coded with SQI L.
45		USA Safety Ctr	Ops & Inves Br	152BB	Avn Safety Officer	Subsequent positions graded W4.
46		WAATS	Raid Tng Br	152B0	Branch Chief	ARNG. May be coded with SQI H.
47		WAATS	Aeroscout Tng Branch	152B0	Section Leader	ARNG. May be coded with SQI H.

**Table 8-152D-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	152D0	OH-58D Scout Pilot	Subsequent positions also graded W2. May be coded with SQI 7.
2		All units	All sections	152D0 A4	OH-58D Warrior Pilot	
3		All units	All sections	152D0 H2	ALSE Officer	
4		All units	All sections	152D0 H3	ASE/EW Officer	
5		All units	All sections	152DC	Instr Pilot	
6		All units	All sections	152DE	Acft Armt Maint Off	
7		All units	All sections	152DG	Avn Maint Officer	One per flt sect. May be coded with SQI 7.
8	W3	All units	All sections	152D0	Section Leader	
9		All units	All sections	152DB	Avn Safety Officer	
10		All units	All sections	152DF	Sr IP/IFE	
11		All units	All sections	152DI H3	Tac Ops Officer	
12		All units	Company Hq	152DH	Stdzn Instr Pilot	
13		Avn Bn/Sqn	Command Section S4	152D0	Avn Materiel Officer	
14		Avn Maint (AVUM)	All sections	152DG	Avn Maint Officer	
15		Avn Maint (AVIM)	All sections	152DG	Avn Maint Officer	
16	W4	Avn Maint Co (AVIM)	All sections	152DL	Maint Test Flt Eval	
17		Avn Bn/Sqn	Command Section	152DB	Avn Safety Officer	
18		Avn Bn/Sqn	Command Section	152DH	Stdzn Instr Pilot	
19		Avn Bn/Sqn	Command Section S3	152DI H3	Tac Ops Officer	
20	W5	Avn Group/Rgt	Command Section	152DB	Avn Safety Officer	
21		Avn Group/Rgt	Command Section	152DH	Stdzn Instr Pilot	
22		Avn Group/Rgt	Command Section S3	152DI H3	Tac Ops Officer	
23		Avn Group/Rgt	Command Section S4	152D0	Avn Materiel Officer	
24		Avn Maint Bn (AVIM)	Command Section	152D0	Avn Materiel Officer	
25		Avn Maint Co (AVIM)	QC Section	152D0	Section Chief	
26		Corps	Stdzn Section	152D0	Section Chief	

**Table 8-152D-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	152D0	OH-58D Scout Pilot	Subsequent positions also graded W2.
2		All units	All sections	152D0 A4	OH-58D Warrior Pilot	
3		All units	All sections	152D0 H2	ALSE Officer	Subsequent positions also graded W2.
4		All units	All sections	152DC	Instr Pilot	
5		All units	All sections	152DE A4	Acft Armt Maint Off	
6	W3	All units	All sections	152DB	Avn Safety Officer	Subsequent positions also graded W3.
7		All units	All sections	152DF	Sr IP/IFE	
8		All units	All sections	152DG	Avn Maint Officer	
9		All units	All sections	152D0	Observer/Controller	
10		All units	Operations	152DI H3	Tac Ops Officer	Subsequent positions also graded W3.
11		Scty Asst Tng Tm	All sections	152DC	Instr Pilot	
12		USA Avn Ctr	All sections	152DC	Instr Pilot	
13		USA RC Spt Grp	All sections	152D0	Asst Ops Off	May be coded with SQI I and ASI H3.

**Table 8-152D-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
14	W4	All units	All sections	152D8	Instructor	Subsequent positions graded W3.
15		All units	All sections	152DH	Stdzn Instr Pilot	
16		All units	All sections	152D0	Sr Observer/Controller	May be coded with SQI G.
17		All units	Command Section	152DB	Avn Safety Officer	
18		All units	Command Section S3	152DI H3	Tac Ops Officer	
19		All units	Command Section S4	152DL	Maint Test Flt Eval	
20		5th Corps Hq Aug	All sections	152DL	Maint Test Flt Eval	
21		5th Corps Hq Aug	All sections	152DH	Stdzn Instr Pilot	
22		AVCRAD	All sections	152DG	Avn Maint Officer	ARNG.
23		DCMD South	DPRO Bell	152D0	Accept Test Pilot	May be coded with SQI Z.
24		Sec Asst Tng Tm	All sections	152DB	Avn Safety Officer	Subsequent positions also graded W4.
25		Sec Asst Tng Tm	All sections	152DL	Maint Test Flt Eval	Subsequent positions also graded W4.
26		Sec Asst Tng Tm	All sections	152DG	Avn Maint Officer	Subsequent positions also graded W4.
27		USA Avn Ctr	All sections	152D0	Flight Leader	Subsequent positions graded W3. May be coded with SQI C.
28		USA Avn Ctr	All sections	152D0	Tng Dev Officer	Subsequent positions graded W3.
29		USA Avn Ctr	All sections	152D0	Tng Sys Mgr	Subsequent positions graded W3.
30		USA Avn Ctr	All sections	152D0	Avn Tng Rsch Off	Subsequent positions graded W3.
31		USA Avn Ctr	Commanche Fac Det	152DI	Tac Ops Off	
32		USA Avn Ctr	Commanche Fac Det	152DB	Avn Safety Off	
33		USA Avn Ctr	Commanche Fac Det	152DG	Avn Maint Officer	
34		USA Avn Ctr	EI Sys	152D0	Instrt Sys Eval	May be coded with SQI Z.
35		USA OPTEC	Cbt Avn Test Sec	152D0	Avn TPO	May be coded with SQI Z.
36		USA RC Spt Grp	All sections	152DB	Avn Safety Officer	
37		USA RC Spt Grp	All sections	152DG	Avn Maint Officer	
38		USA RC Spt Grp	All sections	152DH	Stdzn Instr Pilot	
39		USA RC Spt Grp	All sections	152DI H3	Tac Ops Officer	
40		USA Safety Ctr	All sections	152DB	Avn Safety Officer	Subsequent positions also graded W4.
41	W5	5th Corps Hq Aug	Avn Stds & Maint Br	152D0	OH-58D MTFE	May be coded with SQI L.
42		5th Corps Hq Aug	Avn Stds & Maint Br	152D0	OH-58D SIP	May be coded with SQI H.
43		DCMD South	DPRO Bell	152D0	Accept Sec Chief	May be coded with SQI Z.
44		USA Avn Ctr	ASCT/ATK Br	152DH	Stdzn Instr Pilot	Subsequent positions graded W4.
45		USA AVN Ctr	Atk/Sct Br	152DL	Maint Test Flt Eval	Subsequent positions graded W4.
46		USA Safety Ctr & Sch	Ops & Inves Br	152DB	Avn Safety Officer	Subsequent positions graded W4.

**Table 8-152F-1  
Standards of grade TOE/MTOE**

1	W2	All units	All sections	152F0	AH-64A/B Pilot	Subsequent positions also graded W2. May be coded with SQI 7.
2		All units	All sections	152F0 D7	AH-64C/D Pilot	Subsequent positions also graded W2. May be coded with SQI 7.
3		All units	All sections	152F0 H2	ALSE Officer	May be coded with SQI 7.
4		All units	All sections	152F0 H3	ASE/EW Officer	May be coded with SQI 7.
5		All units	All sections	152FC	Instr Pilot	Subsequent positions also graded W2.
6		All units	All sections	152FE	Acft Armt Maint Off	
7		All units	All sections	152FG	Avn Maint Officer	
8	W3	All units	All sections	152F0	Section Leader	One per flt sect. May be coded with SQI 7.
9		All units	All sections	152FB	Avn Safety Officer	One per unit.
10		All units	All sections	152FF	Sr IP/IFE	One per flt plt.
11		All units	All sections	152FI H3	Tac Ops Officer	One per unit.
12		All units	Company Hq	152FH	Stdzn Instr Pilot	One per unit.

**Table 8-152F-1  
Standards of grade TOE/MTOE—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	152F0	AH-64A/B Pilot	Subsequent positions also graded W2. May be coded with SQI 7.
13		Avn Bn/Sqn	Command Section S4	152F0	Avn Materiel Officer	May be coded with SQI G.
14		Avn Maint (AVUM)	All sections	152FG	Avn Maint Officer	One per unit. Subsequent positions graded W2.
15		Avn Maint (AVIM)	All sections	152FG	Avn Maint Officer	Subsequent positions graded W3.
16	W4	Avn Maint Co (AVIM)	All sections	152FL	Maint Test Flt Eval	One per unit.
17		Avn Bn/Sqn	Command Section	152FB	Avn Safety Officer	
18		Avn Bn/Sqn	Command Section	152FH	Stdzn Instr Pilot	
19		Avn Bn/Sqn	Command Section S3	152FI H3	Tac Ops Officer	
20	W5	Avn Group/Rgt	Command Section	152FB	Avn Safety Officer	
21		Avn Group/Rgt	Command Section	152FH	Stdzn Instr Pilot	
22		Avn Group/Rgt	Command Section S3	152FI H3	Tac Ops Officer	
23		Avn Group/Rgt	Command Section S4	152F0	Avn Materiel Officer	May be coded with SQI G.
24		Avn Maint Bn (AVIM)	Command Section	152F0	Avn Materiel Officer	May be coded with SQI G.
25		Avn Maint Co (AVIM)	QC Section	152F0	Section Chief	May be coded with SQI G.
26		Corps	Stdzn Section	152F0	Section Chief	May be coded with SQI H.

**Table 8-152F-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	152F0	AH-64A/B Pilot	Subsequent positions also graded W2.
2		All units	All sections	152F0 D7	AH-64C/D Pilot	Subsequent positions also graded W2.
3		All units	All sections	152F0 H2	ALSE Officer	
4		All units	All sections	152FC	Instr Pilot	Subsequent positions also graded W2.
5	W3	All units	All sections	152FE	Acft Armt Maint Off	
6		All units	All sections	152FB	Avn Safety Officer	
7		All units	All sections	152FF	Sr IP/IFE	Subsequent positions also graded W3.
8		All units	All sections	152FG	Avn Maint Officer	
9		All units	All sections	152F0	Trainer	Subsequent positions also graded W3.
10		All units	All sections	152F0	Observer/Controller	Subsequent positions also graded W3. May be coded with SQI G.
11		All units	Operations	152FI H3	Tac Ops Officer	
12		USA Avn Ctr	All sections	152FC	Instr Pilot	Subsequent positions also graded W3.
13		USA Avn Ctr	1/223d, ATB	152FC G6	Instr Pilot	Subsequent positions also graded W3.
14		USA Avn Ctr	Maint Svl Br	152F0	Afld Maint OIC	May be coded with SQI G.
15		USAG Ft Hood	S3 Ops & Tng Br	152F0 H1	Gunry Instr Pilot	May be coded with SQI C.
16		USAG Ft Hood	S4	152FG H1	Avn Maint Officer	
17		USA NTC	Avn TF Cbt Tngs	152FE	Acft Armt Maint Off	
18		USA RC Spt Grp	All sections	152FE	Acft Armt Maint Off	
19		USA RC Spt Grp	All sections	152F0	Asst Ops Officer	May be coded with SQI I and ASI H3.
20	W4	All units	All sections	152FH	Stdzn Instr Pilot	
21		All units	All sections	152F8	Instructor	Subsequent positions graded W3.
22		All units	All sections	152F0	Sr Observer/Controller	May be coded with SQI G.

**Table 8-152F-2**  
**Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
23		All units	All sections	152FL	Maint Test Flt Eval	
24		All units	All sections	152FZ	RDTE Tech	
25		All units	Command Section	152FB	Avn Safety Officer	
26		All units	Command Section S3	152FI H3	Tac Ops Officer	
27		All units	Command Section S4	152FL	Maint Test Flt Eval	
28		AVCRAD	All sections	152FG	Avn Maint Officer	ARNG.
29		EAATS/WAATS	All sections	152F8	Instructor	ARNG. Subsequent positions also graded W4.
30		EAATS/WAATS	All sections	152FC	Instructor Pilot	ARNG. Subsequent positions also graded W4.
31		Log Area Spt Grp Hq Aug	All sections	152FB	Avn Safety Officer	
32		DCMD West	DPRO McDonald	152FF	Sr IP/IFE	
33		Sec Asst Tng Tm	All sections	152FH	Stdzn Instr Pilot	Subsequent positions also graded W4.
34		Sec Asst Tng Tm	All sections	152FL	Maint Test Flt Eval	Subsequent positions also graded W4.
35		USA Avn Ctr	All sections	152F0	Flight Leader	Subsequent positions graded W3. May be coded with SQI C.
36		USA Avn Ctr	All sections	152F0	Cbt Dev Staff Officer	Subsequent positions graded W3.
37		USA Avn Ctr	All sections	152F0	Instr Sys Eval	Subsequent positions graded W3. May be coded with SQI Z.
38		USA Avn Ctr	All sections	152F0	Tng Dev Officer	Subsequent positions graded W3.
39		USA Avn Ctr	All sections	152F0	Avn Tng Resc Officer	Subsequent positions graded W3.
40		USA Avn Ctr	All sections	152F0	AS Dev Mgt Officer	Subsequent positions graded W3.
41		USA Avn Ctr	All sections	152F0	Student Mgt Officer	
42		USA Avn Ctr	1/14th, ATB	152FB	Avn Safety Officer	
43		USA Avn Ctr	Maint Svl Br	152FL	Maint Test Flt Eval	Subsequent positions also graded W4.
44		USA Avn Tech Test Ctr	Flight Test Branch	152F0	AH-64 Pilot	
45		USA OPTEC	Cbt Avn Test	152F0	Avn TPO	May be coded with SQI C.
46		USA PERSCOM	WO Div	152F0	Pers Mgmt Officer	
47		USA RC Spt Grp/Tech Grp/FTUS	All sections	152FB	Avn Safety Officer	Subsequent positions graded W3.
48		USA RC Spt Grp/Tech Grp/FTUS	All sections	152FG	Avn Maint Officer	Subsequent positions graded W3. Not for use in same section with SQI L position.
49		USA RC Spt Grp/Tech Grp/FTUS	All sections	152FH	Stdzn Instr Pilot	
50		USA RC Spt Grp/Tech Grp/FTUS	All sections	152FL	Maint Test Flt Eval	One position per unit. Subsequent AMO positions graded W3. Not for use in same section with SQI G W4 position.
51		USA RC Spt Grp/Tech Grp/FTUS	All sections	152FI H3	Tac Ops Officer	
52		USA Safety Ctr	All sections	152FB	Avn Safety Officer	Subsequent positions also graded W4.
53		WAATS	AH-64 CMS Branch	152F0	QA Officer	ARNG. May be coded with SQI G.
54	W5	5th Corps Hq Aug	Stds & Maint Br	152FL	Maint Test Flt Eval	Subsequent positions graded W4.
55		5th Corps Hq Aug	Std & Maint Br	152FH	Stdzn Instr Pilot	Subsequent positions graded W4.
56		AAESA	MSN Equip Branch	152F0	Longbow Integra Off	May be coded with SQI C.
57		AAESA	PM Apache Mod	152FG	Avn Maint Officer	May be coded with SQI Z and ASI G6.
58		DCMD West	DPRO McDonald	152F0	Flt Ops Chief	May be coded with SQI Z.
59		USA Avn Ctr	Asct/Atk Branch	152FH	Stdzn Instr Pilot	Subsequent positions graded W4.
60		USA Avn Ctr	Std & Eval	152F0	Branch Chief	May be coded with SQI H.

**Table 8-152F-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
61		USA OPTEC	Avn Sys Test	152FZ H1	RDTE Tech	
62		USA OPTEC	Cbt Avn Test	152F0	Avn TPO	May be coded with SQI C.
63		USA Safety Ctr	Ops & Inves Branch	152FB	Avn Safety Officer	Subsequent positions graded W4.
64		WAATS	AH-64 CMS Branch	152F0	Asst Br Chief	ARNG. May be coded with SQI H.

**Table 8-152G-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	152G0	AH-1 Pilot	Subsequent positions also graded W2. May be coded with SQI 7.
2		All units	All sections	152G0 H2	ALSE Officer	May be coded with SQI 7.
3		All units	All sections	152G0 H3	ASE/EW Officer	May be coded with SQI 7.
4		All units	All sections	152GC	Instr Pilot	Subsequent positions also graded W2.
5		All units	All sections	152GE	Acft Armt Maint Off	
6		All units	All sections	152GG	Avn Maint Officer	
7	W3	All units	All sections	152G0	Section Leader	One per flt sect. May be coded with SQI 7.
8		All units	All sections	152GB	Avn Safety Officer	One per unit.
9		All units	All sections	152GF	Sr IP/IFE	One per flt plt.
10		All units	All sections	152GI H3	Tac Ops Officer	One per unit.
11		All units	Company Hq	152GH	Stdzn Instr Pilot	One per unit.
12		Avn Bn/Sqn	Command Section S4	152G0	Avn Materiel Officer	May be coded with SQI G.
13		Avn Maint (AVUM)	All sections	152GG	Avn Maint Officer	One per unit. Subsequent positions graded W2.
14		Avn Maint (AVIM)	All sections	152GG	Avn Maint Officer	Subsequent positions graded W3.
15	W4	Avn Maint Co (AVIM)	All sections	152GL	Maint Test Flt Eval	One per unit.
16		Avn Bn/Sqn	Command Section	152GB	Avn Safety Officer	
17		Avn Bn/Sqn	Command Section	152GH	Stdzn Instr Pilot	
18		Avn Bn/Sqn	Command Section S3	152GI H3	Tac Ops Officer	
19	W5	Avn Group/Rgt	Command Section	152GB	Avn Safety Officer	
20		Avn Group/Rgt	Command Section	152GH	Stdzn Instr Pilot	
21		Avn Group/Rgt	Command Section S3	152GI H3	Tac Ops Officer	
22		Avn Group/Rgt	Command Section S4	152G0	Avn Materiel Officer	May be coded with SQI G.
23		Avn Maint Bn (AVIM)	Command Section	152G0	Avn Materiel Officer	May be coded with SQI G.
24		Avn Maint Co (AVIM)	QC Section	152G0	Section Chief	May be coded with SQI G.
25		Corps	Stdzn Section	152G0	Section Chief	May be coded with SQI H.

**Table 8-152G-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	152G0	AH-1 Pilot	Subsequent positions also graded W2.
2		All units	All sections	152G0 H2	ALSE Officer	
3		All units	All sections	152GC	Instr Pilot	Subsequent positions also graded W2.
4		All units	All sections	152GE	Acft Armt Maint Off	
5	W3	All units	All sections	152G0	Observer/Controller	Subsequent positions also graded W3. May be coded with SQI G.
6		All units	All sections	152GB	Avn Safety Officer	

**Table 8-152G-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
7		All units	All sections	152GF	Sr IP/IFE	Subsequent positions also graded W3.
8		All units	All sections	152GG	Avn Maint Officer	
9		All units	Operations	152GI H3	Tac Ops Officer	
10		AVCRAD	Qual Assur Branch	152GE	Acft Armt Maint Off	ARNG.
11		USA Avn Ctr	Maint Svl Br	152G0	Afld Maint OIC	May be coded with SQI G.
12		USA Avn Ctr	1/223d, ATB	152GC G6	Instr Pilot	Subsequent positions also graded W3.
13		USA RC Spt Grp	All sections	152GE	Acft Armt Maint Off	
14		USA RC Spt Grp	All sections	152G0	Asst Ops Officer	May be coded with SQI I and ASI H3.
15	W4	All units	All sections	152G8	Instructor	Subsequent positions graded W3.
16		All units	All sections	152GH	Stdzn Instr Pilot	
17		All units	All sections	152G0	Sr Observer/Controller	Subsequent positions graded W3. May be coded with SQI G.
18		All units	All sections	152GL	Maint Test Flt Eval	
19		All units	All sections	152GZ	RDTE Tech	Subsequent positions graded W3.
20		All units	Command Section	152GB	Avn Safety Officer	
21		All units	Command Section S3	152GI H3	Tac Ops Officer	
22		All units	Command Section S4	152GL	Maint Test Flt Eval	
23		AVCRAD	All sections	152GG	Avn Maint Officer	ARNG.
24		DCMD South	DPRO Bell	152G0 G6	Accept Test Pilot	May be coded with SQI Z.
25		EAATS/WAATS	All sections	152G8	Instructor	ARNG. Subsequent positions also graded W4.
26		Sec Asst Tng Tm	All sections	152GL	Maint Test Flt Eval	Subsequent positions also graded W4.
27		Sec Asst Tng Tm	All sections	152GH	Stdzn Instr Pilot	Subsequent positions also graded W4.
28		USA Avn Ctr	All sections	152G0	Instr Sys Eval	Subsequent positions graded W3. May be coded with SQI C.
29		USA Avn Ctr	All sections	152G0	Avn Tng Rsch Off	Subsequent positions graded W3.
30		USA Avn Ctr	All sections	152G0	Flight Leader	Subsequent positions graded W3. May be coded with SQI C.
31		USA Avn Ctr	All sections	152G0	Tng Dev Officer	Subsequent positions graded W3.
32		USA Avn Ctr	All sections	152G0	Cbt Dev Staff Off	Subsequent positions graded W3.
33		USA Avn Ctr	All sections	152G0	AS Dev Mgt Off	Subsequent positions graded W3.
34		USA Corpus Christi Depot	All sections	152GG	Avn Maint Officer	
35		USA RC Spt Grp	All sections	152GB	Avn Safety Officer	
36		USA RC Spt Grp	All sections	152GG	Avn Maint Officer	Not for use in same section with SQI L position.
37		USA RC Spt Grp	All sections	152GL	Maint Test Flt Eval	Not for use in same section with SQI G position.
38		USA RC Spt Grp	All sections	152GI H3	Tac Ops Officer	
39		USA Safety Ctr	All sections	152GB	Avn Safety Officer	Subsequent positions also graded W4.
40	W5	5th Corps Hq Aug	Stds & Maint Br	152GH	Stdzn Instr Pilot	
41		5th Corps Hq Aug	Stds & Maint Br	152GL	Maint Test Flt Eval	
42		USA Avn Ctr	Asct/Atk Br	152GH	Stdzn Instr Pilot	Subsequent positions graded W4.
43		USA Avn Ctr	Atk/Sct Br	152GL	Maint Test Flt Eval	Subsequent positions graded W4.
44		USA Avn Ctr	BDNVD/STD	152G0	Section Chief	May be coded with SQI H.
45		USA Avn Log Sch	AA Division	152G0 H1	Division Chief	
46		USA Safety Ctr & Sch	Investigation Branch	152GB	Avn Safety Officer	Subsequent positions graded W4.
47		WAATS	All sections	152G8	Instructor	Subsequent positions graded W4.
48		WAATS	AH-1 FWS Branch	152G0	Assist Branch Chief	ARNG. May be coded with SQI C.

**Table 8-152G-2**  
Standards of grade TDA—Continued

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
49		WAATS	Atk Hel Tng Br	152G0	Stdzn Section Chief	ARNG. May be coded with SQI H.

**Table 8-153A-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	153A0	Rotary Wing Pilot	Subsequent positions also graded W2. May be coded with SQI 7.
2		All units	All sections	153A0 H3	ASE/EW Officer	
3		All units	All sections	153AC	Instr Pilot	
4		All units	All sections	153AD	Aeromed Evac Pilot	Subsequent positions also graded W2.
5		All units	All sections	153AE	Acft Armt Maint Off	
6		All units	All sections	153AG	Avn Maint Officer	One per flt sect. May be coded with SQI 7.
7	W3	All units	All sections	153A0	Section Leader	
8		All units	All sections	153AB	Avn Safety Officer	
9		All units	All sections	153AF	Sr IP/IFE	
10		All units	All sections	153AI H3	Tac Ops Officer	
11		All units	Company Hq	153AH	Stdzn Instr Pilot	
12		Avn Bn/Sqn	Command Section S4	153A0	Avn Materiel Officer	
13		Avn Maint (AVUM)	All sections	153AG	Avn Maint Officer	
14		Avn Maint (AVIM)	All sections	153AG	Avn Maint Officer	
15	W4	Avn Maint Co (AVIM)	All sections	153AL	Maint Test Flt Eval	
16		Avn Bn/Sqn	Command Section	153AB	Avn Safety Officer	
17		Avn Bn/Sqn	Command Section	153AH	Stdzn Instr Pilot	
18		Avn Bn/Sqn	Command Section S3	153AI H3	Tac Ops Officer	
19	W5	Avn Bde	Command Section	153AB	Avn Safety Officer	
20		Avn Bde	Command Section	153AH	Stdzn Instr Pilot	
21		Avn Bde	Command Section S3	153AI H3	Tac Ops Officer	
22		Avn Bde	Command Section S4	153A0	Avn Materiel Officer	
23		Avn Maint Bn (AVIM)	Command Section	153AB	Avn Safety Officer	
24		Avn Maint Co (AVIM)	Maint Test Flt Sec	153A0	Section Chief	
25		Corps	Stdzn Section	153A0	Section Chief	
26		Sp Ops Avn Rgt	Command Section	153AB	Avn Safety Officer	
27		Sp Ops Avn Rgt	Command Section	153AH	Stdzn Instr Pilot	
28		Sp Ops Avn Rgt	Command Section S3	153AI H3	Tac Ops Officer	
29		Sp Ops Avn Rgt	Command Section S4	153A0	Avn Materiel Officer	

**Table 8-153A-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	153A0	Rotary Wing Pilot	Subsequent positions also graded W2.
2		All units	All sections	153AC	Instr Pilot	
3		All units	All sections	153A0	TAC Officer	
4		USA Avn Ctr	ATB S3	153A0	Asst Ops Officer	Subsequent positions also graded W2.
5	W3	All units	All sections	153AB	Avn Safety Officer	
6		All units	All sections	153AF	Sr IP/IFE	

**Table 8-153A-2**  
**Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
7		All units	All sections	153AG	Avn Maint Officer	
8		All units	Operations	153AI H3	Tac Ops Officer	
9		USA PERSCOM	WOD Ldr Dev Br	153A0	Avn Ldr Dev Stf Off	See note.
10	W4	All units	All sections	153A0	Sr TAC Officer	See note.
11		All units	All sections	153A8	Instructor	Subsequent positions graded W3.
12		All units	All sections	153AH	Stdzn Instr Pilot	
13		All units	All sections	153AJ	Engr Test Pilot	AERS position.
14		All units	All sections	153A0	Project Officer	Subsequent positions graded W3. May be coded with SQI Z.
15		All units	All sections	153AL	Maint Test Flt Eval	
16		All units	All sections	153AZ	RDTE Tech	Subsequent positions graded W3.
17		All units	All sections	153A0	Student Mgt Officer	
18		All units	Command Section	153AB	Avn Safety Officer	
19		All units	Command Section	153AH	Stdzn Instr Pilot	
20		All units	Command Section S3	153AI H3	Tac Ops Officer	
21		All units	Command Section S4	153AL	Maint Test Flt Eval	
22		STARC/DARC/TARC	All sections	153AB	Avn Safety Officer	ARNG.
23		STARC/DARC/TARC	All sections	153AG	Avn Maint Officer	ARNG.
24		START/DARC/TARC	All sections	153AL	Maint Test Flt Eval	ARNG.
25		USA Avn Ctr	Avn Br Safety Ofc	153AB	Avn Safety Officer	
26		USA Avn Ctr	All sections	153A0	Cbt Dev Staff Off	Subsequent positions graded W3. May be coded with SQI Z.
27		USA Avn Ctr	Avn Proponent Ofc	153A0	Pers Prop Sys Mgr	AERS position. See note. Subsequent positions also graded W4.
28		USA Avn Log Sch	Ofc Asst Cmdt	153AB	Avn Safety Officer	
29		USA ATCOM	Materiel Mgt Dir	153AG	Avn Maint Officer	May be coded with SQI Z and ASI G6.
30		USA Avn Tech Test Ctr	Safety Ofc	153AB	Avn Safety Officer	
31		USA Eur & 7th Army Hq	AFOD (DCSOPS)	153AI H3	Tac Ops Officer	
32		USA Eur & 7th Army Hq	Personnel Div	153AB	Avn Safety Officer	
33		USA Eur & 7th Army Hq	Opn Tm	153A0	Avn Staff Officer	
34		USA NG Ops Act Ctr	Stds & Tng Br	153A0	Avn Tng SP	
35		USA OSAC	Flt Sch/Ops Ofc	153AI H3	Tac Ops Officer	
36		USA OPTEC	Engr/Maint/Avn	153A0	Avn Officer	May be coded with SQI Z.
37		USA PERSCOM	WOD	153A0	Pers Mgt Officer	AERS position. See note.
38		USA PERSCOM	WOD	153A0	Prof Dev Officer	AERS position. See note.
39		USA RC Spt Grp	All sections	153AB	Avn Safety Officer	One position.
40		USA RC Spt Grp	All sections	153AG	Avn Maint Officer	One position.
41		USA Res Per Ctr	Avn Team	153A0	Pers Mgr	AERS position. See note.
42		USA Safety Ctr	All sections	153AB	Avn Safety Officer	Subsequent positions also graded W4.
43		USA Safety Ctr	Force Integration	153A0	Training Officer	May be coded with SQI B.
44		USA South	Avn Div	153A0	Avn Stds Officer	May be coded with SQI H.
45		USA TRADOC Hq	Avn Div	153AH	Stdzn Instr Pilot	
46	W5	AAESA	PMO Longbow	153A0	APM Sys Integrater	AERS.
47		ARNG Readiness Ctr	Avn Div	153A0	Chief, Avn Stdzn	ARNG. May be coded with SQI H.
48		ARNG Readiness Ctr	Avn Div	153A0	Avn Tng Off	ARNG. AERS positions. See note. May be coded with SQI I.
49		ARNG Readiness Ctr	Avn Div	153AB	Avn Safety Officer	ARNG.
50		ARNG Readiness Ctr	Avn Div	153A0	Chief, Avn Pers Off	ARNG. See note.
51		ARNG Readiness Ctr	Avn Div	153A0	Facility Program Mgr	ARNG.
52		AVCRAD	Flt Ops Branch	153A0	Branch Chief	May be coded with SQI I.
53		HQDA DCSLOG	Avn Logistics	153A0	Avn Materiel Officer	AERS position. May be coded with SQI G.
54		HQDA DCSOPS	Avn Tng Branch	153A0	Asst Avn Tng Officer	May be coded with SQI I.
55		HQDA DCSOPS	Avn Force Dev	153A0	Avn Sys Integrator	May be coded with SQI I.

**Table 8-153A-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
56		HQDA DCSPER	Manpower Readiness	153A0	Asst Avn PERSSO	May be coded with SQI I.
57		Hq STARC ARNG	All sections	153A0	State Avn Safety Off	ARNG. AERS position. See note. May be coded with SQI B.
58		Hq STARC ARNG	All sections	153A0	State Avn Mat Off/MTFE	AERS position. See note. May be coded with SQI L.
59		Hq STARC ARNG	All sections	153A0	State RW Stdzn Officer	AERS position. See note. May be coded with SQI H.
60		Hq STARC ARNG	All sections	153A0	State Tac Ops/Tng Mgr	AERS position. See note. May be coded with SQI I.
61		Hq USA FORSCOM	Safety Division	153AB	Avn Safety Officer	Second position also graded W5.
62		USA Avn Ctr	Avn Br Ft Rucker	153AB	Avn Safety Officer	
63		USA Avn Ctr	Avn Proponent Ofc	153A0	Chief AWO Pers Prop	AERS position. See note.
64		USA Avn Ctr	BDNVD/STDS Branch	153A0	Branch Chief	May be coded with SQI H.
65		USA Avn Ctr	WO Tng Division	153A0	Division Chief	AERS position. See note. May be coded with SQI 8.
66		USA Avn Ctr	AWOAC	153A0	Branch Chief	AERS position. See note. May be coded with SQI J.
67		USA Avn Tech Test Ctr	Ofc of Cdr	153AB	Avn Safety Officer	
68		USA Avn Tech Test Ctr	Flt Sys Test Dir	153A0	Chief, Engr Test Pilot	
69		USA Avn Tech Test Ctr	USN TPS	153AJ	Engr Test Pilot	AERS position. See note. Subsequent positions graded W4.
70		USA ATCOM	Security Asst Mgt Directorate	153A0	Log Spt Tm Chief	May be coded with SQI L.
71		USA ATCOM	Maint Directorate	153AL	Maint Test Flt Eval	May be coded with SQI J.
72		USA Avn Rsch & Test	Avn Applied Tech Dir	153A0	Chief, Eng Test Pilot	
73		USAG Ft Hood	CATB	153AB	Avn Safety Officer	May be coded with SQI H.
74		USAG Ft Hood	S3 Stdzn Section	153A0	Section Chief	
75		USA Log Eval Agcy	Sec Asst Spt Ofc	153A0	Avn WSS&SO	May be coded with SQI Z.
76		USA OPTEC	Engr/Maint/Avn	153AB	Avn Safety Officer	AERS position. See note.
77		USA PERSCOM	WOD Assignment Br	153A0	Avn Branch Chief	
78		USA PERSCOM	WOD Ldr Dev Br	153A0	Branch Chief	AERS position. See note.
79		USA Reserve Command	Safety Office	153AB	Avn Safety Officer	May be coded with SQI B.
80		USA Safety Ctr	Ops & Inves Br	153A0	Team Chief	
81		USA Troop Cmd Korea	EUSA Aviation Ofc	153A0	EUSA MTFE	May be coded with SQI L.
82		USA Troop Cmd Korea	EUSA Aviation Ofc	153A0	EUSA SIP	May be coded with SQI H.
83		USA WOCC	All sections	153A8	Instructor	Subsequent positions graded W4.
84		USA WOCC	WO SSC	153A0	Chief, WO SSC	May be coded with SQI 8.
85		USMA Flt Det	Command Section	153A0	Detachment Commander	May be coded with SQI I.
86		WAATS	HATS Div	153AH	Stdzn Instr Pilot	ARNG. Subsequent positions graded W4.
87		WAATS	HATS Div	153AL	Maint Test Flt Eval	ARNG. Subsequent positions graded W4.

Notes:

Branch specific/MOS nonspecific. May be filled by warrant officer holding any Aviation Branch MOS.

**Table 8-153B-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	153B0	UH-1 Pilot	Subsequent positions also graded W2. May be coded with SQI 7.
2		All units	All sections	153B0 H2	ALSE Officer	
3		All units	All sections	153B0 H3	ASE/EW Officer	
4		All units	All sections	153BC	Instr Pilot	
5		All units	All sections	153BE	Acft Armt Maint Off	Subsequent positions also graded W2. One per flt sect. May be coded with SQI 7. One per unit. One per flt plt. One per unit. One per unit. May be coded with SQI G. One per unit. Subsequent positions graded W2. Subsequent positions graded W3. One per unit.
6		All units	All sections	153BG	Avn Maint Officer	
7	W3	All units	All sections	153B0	Section Leader	
8		All units	All sections	153BB	Avn Safety Officer	
9		All units	All sections	153BF	Sr IP/IFE	
10		All units	All sections	153BI H3	Tac Ops Officer	
11		All units	Company Hq	153BH	Stdzn Instr Pilot	
12		Avn Bn/Sqn	Command Section S4	153B0	Avn Materiel Officer	
13		Avn Maint (AVUM)	All sections	153BG	Avn Maint Officer	
14		Avn Maint (AVIM)	All sections	153BG	Avn Maint Officer	
15	W4	Avn Maint Co (AVIM)	All sections	153BL	Maint Test Flt Eval	
16		Avn Bn/Sqn	Command Section	153BB	Avn Safety Officer	
17		Avn Bn/Sqn	Command Section	153BH	Stdzn Instr Pilot	
18		Avn Bn/Sqn	Command Section S3	153BI H3	Tac Ops Officer	
19	W5	Avn Group/Rgt	Command Section	153BB	Avn Safety Officer	
20		Avn Group/Rgt	Command Section	153BH	Stdzn Instr Pilot	
21		Avn Group/Rgt	Command Section S3	153BI H3	Tac Ops Officer	
22		Avn Group/Rgt	Command Section S4	153B0	Avn Materiel Officer	
23		Avn Maint Bn (AVIM)	Command Section	153B0	Avn Materiel Officer	May be coded with SQI G.
24		Avn Maint Co (AVIM)	QC Section	153B0	Section Chief	May be coded with SQI G.
25		Corps	Stdzn Section	153B0	Section Chief	May be coded with SQI H.

**Table 8-153B-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	153B0	UH-1 Pilot	Subsequent positions also graded W2.
2		All units	All sections	153B0 H2	ALSE Officer	
3		All units	All sections	153BC	Instr Pilot	
4		All units	All sections	153BD	Aeromed Evac Pilot	Subsequent positions also graded W2.
5	W3	All units	All sections	153B0	Observer/Controller	
6		All units	All sections	153BB	Avn Safety Officer	Subsequent positions also graded W3.
7		All units	All sections	153BF	Sr IP/IFE	
8		All units	All sections	153BG	Avn Maint Officer	May be coded with SQI I and ASI H3.
9		All units	All sections	153B0	Asst Ops Officer	
10		All units	Operations	153BI H3	Tac Ops Officer	May be coded with SQI G.
11		USA Avn Ctr	Maint Svl Br	153B0	Afld Maint OIC	
12		USA Avn Ctr	1/223d, ATB	153BC G6	Instr Pilot	Subsequent positions graded W3.
13	W4	All units	All sections	153B8	Instructor	
14		All units	All sections	153B0	Sr Observer/Controller	May be coded with SQI G.
15		All units	All sections	153BH	Stdzn Instr Pilot	
16		All units	All sections	153B0	Stu Mgt Officer	

**Table 8-153B-2**  
**Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
17		All units	Command Section	153BB	Avn Safety Officer	
18		All units	Command Section S3	153BI H3	Tac Ops Officer	
19		All units	Command Section S4	153B0	Avn Materiel Officer	May be coded with SQI L.
20		ARNG Tng Site	Afld Ops	153BB	Avn Safety Officer	ARNG.
21		AVCRAD	All sections	153BG	Avn Maint Officer	ARNG.
22		AVCRAD	Ops/Tng/Svc Div	153BB	Avn Safety Officer	ARNG.
23		EAATS/WAATS	All sections	153B8	Instructor	ARNG. Subsequent positions also graded W4.
24		EAATS/WAATS	All sections	153BB	Avn Safety Officer	ARNG.
25		EAATS/WAATS	All sections	153BC	Instr Pilot	ARNG. Subsequent positions also graded W4.
26		EAATS/WAATS	All sections	153BF	Sr IP/IFE	ARNG. Subsequent positions also graded W4.
27		EAATS/WAATS	All sections	153BG	Avn Maint Officer	ARNG.
28		EAATS/WAATS	All sections	153BL	Maint Test Flt Eval	ARNG.
29		EAATS/WAATS	Qual Cont Section	153B0	QC Officer	ARNG. May be coded with SQI G.
30		Redstone Arsl	Dir of Flt Ops	153BB	Avn Safety Officer	
31		Sec Asst Tng Tm	All sections	153BH	Stdzn Instr Pilot	Subsequent positions also graded W4.
32		Sec Asst Tng Tm	All sections	153BG	Avn Maint Officer	Subsequent positions also graded W4.
33		Sec Asst Tng Tm	All sections	153BL	Maint Test Flt Eval	Subsequent positions also graded W4.
34		USA Avn Ctr	QA Plt	153B0	IP/Eval Pilot	Second positions. May be coded with SQI H.
35		USA Avn Ctr	Stds & Eval Br	153BH	Stdzn Instr Pilot	Subsequent positions also graded W4.
36		USA Avn Ctr	All sections	153B0	Flight Leader	Subsequent positions graded W3. May be coded with SQI C.
37		USA Avn Ctr	All sections	153B0	Instr Sys Eval	Subsequent positions graded W3. May be coded with SQI F.
38		USA Avn Det Japan	Acft Maint	153BG	Avn Maint Officer	
39		USAG Ft Hood	Safety Ofc	153BB	Avn Safety Officer	
40		USA NG Op Act Ctr	Safety & Occ Health	153BB	Avn Safety Officer	
41		USA OSAC	Prod Control Sec	153BG	Avn Maint Officer	
42		USA RC Spt Grp	All sections	153BB	Avn Safety Officer	
43		USA RC Spt Grp	All sections	153BG	Avn Maint Officer	Not for use in same section SQI L with position.
44		USA RC Spt Grp	All sections	153BL	Maint Test Flt Eval	Not for use in same section with SQI G position.
45		USA RC Spt Grp	All sections	153BI H3	Tac Ops Officer	
46		USA Safety Ctr	All sections	153BB	Avn Safety Officer	Subsequent positions also graded W4.
47		USA Spt Outside DOD	Dept of State	153B0	Avn Staff Officer	Subsequent positions also graded W4.
48		USA Spt Outside DOD	Dept of State	153B0	Avn Ops Officer	May be coded with SQI I.
49		USA Spt Sinai	Acft Maint Sec	153BG	Avn Maint Officer	
50		USMA West Point	Opn/Tng Br	153B0	Ops/Safety Officer	May be coded with SQI I and ASI G8.
51	W5	AVCRAD	Flt Ops Branch	153B0	Branch Chief	May be coded with SQI I.
52		AVCRAD	Ops/Svc Div	153B0	Division Chief	
53		AVCRAD	Qual Cont Div	153B0	Division Chief	May be coded with SQI G.
54		USA Safety Ctr & Sch	Ops & Inves Br	153BB	Avn Safety Officer	Subsequent positions graded W4.
55		USA Avn Ctr	Avn Tng Bde	153BB	Avn Safety Officer	
56		USA Avn Ctr	Util Hel Br	153BH	Stdzn Instr Pilot	Subsequent positions graded W4.

**Table 8-153D-1**  
**Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	153D0	UH-60 Pilot	Subsequent positions also graded W2. May be coded with SQI 7.
2		All units	All sections	153D0 H2	ALSE Officer	
3		All units	All sections	153D0 H3	ASE/EW Officer	
4		All units	All sections	153D0 B5	EH-60 Pilot	Subsequent positions also graded W2. May be coded with SQI 7.
5		All units	All sections	153DC	Instr Pilot	Subsequent positions also graded W2.
6		All units	All sections	153DD	Aeromed Evac Pilot	Subsequent positions also graded W2.
7		All units	All sections	153DG	Avn Maint Officer	
8	W3	All units	All sections	153D0	Section Leader	May be coded with SQI 7.
9		All units	All sections	153DB	Avn Safety Officer	One per unit.
10		All units	All sections	153DF	Sr IP/IFE	One per flt plt.
11		All units	All sections	153DG	Avn Maint Officer	One per unit.
12		All units	All sections	153DI H3	Tac Ops Officer	One per unit.
13		All units	Company Hq	153DH	Stdzn Instr Pilot	One per unit.
14		Avn Maint (AVUM)	All sections	153DG	Avn Maint Officer	One per unit. Subsequent positions graded W2.
15		Avn Maint (AVIM)	All sections	153DG	Avn Maint Officer	Subsequent positions graded W3.
16		Bn/Sqn	Command Section S4	153DG	Avn Maint Officer	
17		SOA units	All sections	153D0 K4	MH-60L Pilot	Subsequent positions also graded W3. May be coded with SQI 7.
18		SOA units	All sections	153D0 K5	MH-60K Pilot	Subsequent positions also graded W3. May be coded with SQI 7.
19		SOA units	All sections	153D0 H2	ALSE Officer	May be coded with SQI 7.
20		SOA units	All sections	153D0 H3	ASE/EW Officer	May be coded with SQI 7.
21		SOA units	All sections	153DE	Acft Armt Maint Off	
22	W4	All units	All sections	153DH	Stdzn Instr Pilot	
23		Avn Maint Co (AVIM)	All sections	153DL	Maint Test Flt Eval	One per unit.
24		Bn/Sqn	Command Section	153DB	Avn Safety Officer	
25		Bn/Sqn	Command Section	153DH	Stdzn Instr Pilot	
26		Bn/Sqn	Command Section S3	153DI H3	Tac Ops Officer	
27		SOA units	All sections	153DB	Avn Safety Officer	
28		SOA units	All sections	153DC	Instr Pilot	
29		SOA units	All sections	153DF	Sr IP/IFE	
30		SOA units	All sections	153DG	Avn Maint Officer	
31		SOA units	All sections	153DI H3	Tac Ops Officer	
32	W5	Aslt Hel Bn (SOA)	Command Section	153DB	Avn Safety Officer	
33		Aslt Hel Bn (SOA)	Command Section	153DH	Stdzn Instr Pilot	
34		Aslt Hel Bn (SOA)	Command Section S3	153DI H3	Tac Ops Officer	
35		Aslt Hel Bn (SOA)	Command Section S4	153DL	Maint Test Flt Eval	
36		Avn Group/Rgt	Command Section	153DB	Avn Safety Officer	
37		Avn Group/Rgt	Command Section	153DH	Stdzn Instr Pilot	
38		Avn Group/Rgt	Command Section S3	153DI H3	Tac Ops Officer	
39		Avn Group/Rgt	Command Section S4	153D0	Avn Materiel Officer	May be coded with SQI G.
40		Avn Maint Bn (AVIM)	Command Section	153D0	Avn Materiel Officer	May be coded with SQI G.
41		Avn Maint Co (AVIM)	QC Section	153D0	Section Chief	May be coded with SQI G.
42		Corps	Stdzn Section	153D0	Section Chief	May be coded with SQI H.

**Table 8-153D-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	153D0	UH-60 Pilot	Subsequent positions also graded W2.
2		All units	All sections	153D0 H2	ALSE Officer	
3		All units	All sections	153D0 B5	EH-60 Pilot	Subsequent positions also graded W2.
4		All units	All sections	153DC	Instr Pilot	Subsequent positions also graded W2.
5		All units	All sections	153DD	Aeromed Evac Pilot	Subsequent positions also graded W2.
6		USA Joint Sys Cont	Ops Section	153D0	Liaison Officer	Subsequent positions also graded W2.
7		USA RC Spt Grp	All sections	153D0	Fwd Ops Officer	
8	W3	All units	All sections	153DB	Avn Safety Officer	
9		All units	All sections	153DF	Sr IP/IFE	Subsequent positions also graded W3.
10		All units	All sections	153DG	Avn Maint Officer	
11		All units	All sections	153D0	Observer/Controller	May be coded with SQI G.
12		All units	Operations	153DI	Tac Ops Officer	
13		SOA units	All sections	153D0 K4	MH-60L Pilot	Subsequent positions also graded W3.
14		SOA units	All sections	153D0 K5	MH-60K Pilot	Subsequent positions also graded W3.
15		SOA units	All sections	153DE	Acft Armt Maint Off	
16		USA Avn Ctr	All sections	153DC	Instr Pilot	Subsequent positions also graded W3.
17		USA Avn Ctr	Maint Svl Br	153D0	Afld Maint OIC	May be coded with SQI G.
19		USA Avn Ctr	1/223d, ATB	153DC G6	Instr Pilot	
20		USA Avn Ctr	Tng Comm	153D0	Ops Officer	
21		USA RC Spt Grp	All sections	153D0	Asst Ops Officer	May be coded with SQI I and ASI H3.
22	W4	All units	All sections	153D8	Instructor	Subsequent positions graded W3.
23		All units	All sections	153DH	Stdzn Instr Pilot	
24		All units	All sections	153DL	Maint Test Flt Eval	
25		All units	All sections	153DZ	RDTE Tech	Subsequent positions graded W3.
26		All units	Command Sections	153DB	Avn Safety Officer	
27		All units	Command Section S3	153DI H3	Tac Ops Officer	
28		All units	All sections	153D0	Sr Observer/Controller	May be coded with SQI G.
29		70th Trans Hq Aug	PC/Sub Ops Sec	153D0	Prod Cont Officer	May be coded with SQI G.
30		AAESA	All sections	153DG	Avn Maint Officer	
31		AVCRAD	All sections	153DG	Avn Maint Officer	ARNG.
32		AVCRAD	All sections	153D0	QA/QC Officer	ARNG. May be coded with SQI G.
33		AVCRAD	All sections	153D0	Sec/Br/Div Chief	ARNG. May be coded with SQI G.
34		EAATS/WAATS	All sections	153DC	Instr Pilot	ARNG. Subsequent positions also graded W4.
35		EAATS/WAATS	All sections	153DF	Sr IP/IFE	ARNG. Subsequent positions also graded W4.
36		EAATS/WAATS	All sections	153DG	Avn Maint Officer	ARNG. Subsequent positions also graded W4.
37		EAATS/WAATS	All sections	153DH	Stdzn Instr Pilot	ARNG. Subsequent positions also graded W4.
38		EAATS/WAATS	All sections	153DL	Maint Test Flt Eval	ARNG. Subsequent positions also graded W4.
39		JRTC Ops Grp	Avn Spec Ops AI	153D0 K4	Spec Ops Avn O/C	May be coded with SQI H.
40		Sec Asst Tng Tm	All sections	153DB	Avn Safety Officer	
41		Sec Asst Tng Tm	All sections	153D0	Aeromed Evac Advisor	May be coded with SQI D.
42		Sec Asst Tng Tm	All sections	153DG	Avn Maint Officer	Subsequent positions also graded W4.
43		Sec Asst Tng Tm	All sections	153DH	Stdzn Instr Pilot	Subsequent positions also graded W4.

**Table 8-153D-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
44		Sec Asst Tng Tm	All sections	153DL	Maint Test Flt Eval	Subsequent positions also graded W4.
45		SOA units	All sections	153DB	Avn Safety Officer	
46		SOA units	All sections	153DC	Instr Pilot	
47		SOA units	All sections	153DF	Sr IP/IFE	
48		SOA units	All sections	153DG	Avn Maint Officer	
49		SOA units	All sections	153DI H3	Tac Ops Officer	
50		USA Avn Ctr	1/223D, ATB	153DB	Brn/Afld Safety Off	
51		USA Avn Ctr	All sections	153D0	Flt Leader	Subsequent positions graded W3. May be coded with SQI C. Subsequent positions graded W3.
52		USA Avn Ctr	All sections	153D0	Tng Dev Officer	Subsequent positions graded W3. May be coded with SQI C.
53		USA Avn Ctr	All sections	153D0	Instr Sys Analyst	Subsequent positions graded W3. May be coded with SQI C.
54		USA Avn Ctr	Cgo/Util Flt Sim Div	153D0	Division Chief	May be coded with SQI H.
55		USA Avn Ctr	Util Br	153DH	Stdzn Instr Pilot	
56		USA Avn Det Japan	Acft Maint Br	153DG	Avn Maint Officer	
57		USA Avn Tech Test Ctr	Flt Test Div	153DZ	RDTE Officer	
58		USA Avn Tech Test Ctr	Ofc of Cdr	153DB	Avn Safety Officer	
59		USAE ACE	Flt Det	153DG	Avn Maint Officer	
60		USAE ACE	Flt Det	153DH	Stdzn Instr Pilot	
61		USAE ACE	Flt Det	153DB	Avn Safety Officer	
62		USAG Alaska	Avn Ofc	153DB	Avn Safety Officer	
63		USAG Ft Campbell	Aviation Div	153DB	Avn Safety Officer	
64		USAG Ft Lewis	Avn Div	153DB	Avn Safety Officer	
65		USA FORSCOM Hq	ARMS Survey Br	153DH	Stdzn Instr Pilot	
66		USA Inf Ctr	Org Maint	153DG	Avn Maint Officer	
67		USA Intel Ctr	Qual Cntrl Monitor	153D0	Quality Assur Officer	May be coded with SQI G.
68		USA Joint Sys Cont	Cmd & Cntrl Sys Gp	153D0	Air Ops Officer	
69		USA Joint Sys Cont	Hq Section	153DB	Avn Safety Officer	
70		USA NG OP Act Ctr	All sections	153DI H3	Tac Ops Officer	
71		USA NG OP Act Ctr	Ops, Plns & Pgms Br	153D0	Mil Pers Spc	
72		USA NTC	Inst Safety Ofc	153DB	Avn Safety Officer	
73		USA OPTEC	Avn Sys Test	153D0	Avn TPO	May be coded with SQI Z.
74		USA OSAC	Qual Ctrl Sec	153D0	Section Chief	May be coded with SQI G.
75		USA PERSCOM	WO Div Asg Br	153D0	Pers Mgt Officer	
76		USA RC Spt Grp	All sections	153DB	Avn Safety Officer	
77		USA RC Spt Grp	All sections	153DI H3	Tac Ops Officer	
78		USA RC Spt Grp	All sections	153DG	Avn Maint Officer	Not for use in same section SQI L position.
79		USA RC Spt Grp	All sections	153DL	Maint Test Flt Eval	Not for use in same section with SQI G position.
80		USA Safety Ctr	All sections	153DB	Avn Safety Officer	Subsequent positions also graded W4.
81	W5	5th Corps Hq Aug	Std & Maint Br	153DH	Stdzn Instr Pilot	Subsequent positions graded W4.
82		5th Corps Hq Aug	Std & Maint Br	153DL	Maint Test Flt Eval	Subsequent positions graded W4.
83		70th Trans Hq Aug	Qual Cont Sec	153D0	Section Chief	May be coded with SQI G.
84		160th Avn Rgt Aug	Sys Int Maint Ofc	153D0 K5	MH-60K Proj Officer	May be coded with SQI Z.
85		EAATS/WAATS	All sections	153D8	Instructor	ARNG. Subsequent positions graded W4.
86		SOA units	Command Section	153DB	Avn Safety Officer	
87		SOA units	Command Section	153DH	Stdzn Instr Pilot	
88		SOA units	Command Section S3	153DI H3	Tac Ops Officer	
89		SOA units	Command Section S4	153DL	Maint Test Flt Eval	
90		USA Aeromed Rsch Lab	Crew Inj Branch	153DB	Avn Safety Officer	
91		USA Avn Ctr	Util Br	153DH	Stdzn Instr Pilot	Second position graded W4.
92		USA Avn Ctr	BDNVD/STDS	153D0	ATM Sect Chief	May be coded with SQI H.
93		USA Depot Corpus Christi	Avn Div	153D0	Division Chief	May be coded with SQI L.

**Table 8-153D-2**  
Standards of grade TDA—Continued

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
94		USA Safety Ctr	Ops & Inves Br	153DB	Avn Safety Officer	Subsequent positions graded W4.

**Table 8-154C-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	154C0	CH-47D Pilot	Subsequent positions also graded W2. May be coded with SQI 7.
2		All units	All sections	154C0 H2	ALSE Officer	May be coded with SQI 7.
3		All units	All sections	154C0 H3	ASE/EW Officer	May be coded with SQI 7.
4		All units	All sections	154CC	Instr Pilot	Subsequent positions also graded W2.
5		All units	All sections	154CG	Avn Maint Officer	
6	W3	All units	All sections	154C0	Section Leader	May be coded with SQI 7.
7		All units	All sections	154CB	Avn Safety Officer	
8		All units	All sections	154CF	Sr IP/IFE	
9		All units	All sections	154CI H3	Tac Ops Officer	
10		All units	Co Headquarters	154CH	Stdzn Instr Pilot	
11		Avn Maint (AVUM)	All sections	154CG	Avn Maint Officer	One position per unit. Subsequent positions graded W2.
12		Avn Maint (AVIM)	All sections	154CG	Avn Maint Officer	Subsequent positions graded W3.
13		Med Hel Bn	Command Section S4	154C0	Avn Materiel Officer	May be coded with SQI G.
14		SOA units	All sections	154C0 K4	MH-47D Pilot	Subsequent positions also graded W3. May be coded with SQI 7.
15		SOA units	All sections	154C0 K6	MH-47E Pilot	Subsequent positions also graded W3. May be coded with SQI 7.
16		SOA units	All sections	154C0 H2	ALSE Officer	May be coded with SQI 7.
17		SOA units	All sections	154C0 H3	ASE/EW Officer	May be coded with SQI 7.
18		SOA units	All sections	154CE	Acft Armt Maint Off	
19	W4	Avn Maint Co (AVIM)	All sections	154CL	Maint Test Flt Eval	One position per unit.
20		Med Hel Bn	Command Section	154CB	Avn Safety Officer	
21		Med Hel Bn	Command Section	154CH	Stdzn Instr Pilot	
22		Med Hel Bn	Command Section S3	154CI H3	Tac Ops Officer	
23		SOA units	All sections	154CB	Avn Safety Officer	
24		SOA units	All sections	154CC	Instr Pilot	
25		SOA units	All sections	154CF	Sr IP/IFE	
26		SOA units	All sections	154CG	Avn Maint Officer	
27		SOA units	All sections	154CI H3	Tac Ops Officer	
28		SOA units	All sections	154CH	Stdzn Instr Pilot	
29	W5	Avn Maint Bn (AVIM)	Command Section	154C0	Avn Materiel Officer	May be coded with SQI G.
30		Avn Maint Bn (AVIM)	QC Section	154C0	Section Chief	May be coded with SQI G.
31		Corps	Stdzn Section	154C0	Section Chief	May be coded with SQI H.
32		Med Hel Bn (SOA)	Command Section	154CB	Avn Safety Officer	
33		Med Hel Bn (SOA)	Command Section	154CH	Stdzn Instr Pilot	
34		Med Hel Bn (SOA)	Command Section S3	154CI H3	Tac Ops Officer	
35		Med Hel Bn (SOA)	Command Section S4	154CL	Maint Test Flt Eval	

**Table 8-154C-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	154C0	CH-47D Pilot	Subsequent positions also graded W2.
2		All units	All sections	154C0 H2	ALSE Officer	
3		All units	All sections	154CC	Instr Pilot	Subsequent positions also graded W2.

**Table 8-154C-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
4	W3	All units	All sections	154C0	Observer/Controller	Subsequent positions also graded W3. May be coded with SQI G.
5		All units	All sections	154CB	Avn Safety Officer	
6		All units	All sections	154CF	Sr IP/IFE	Subsequent positions also graded W3.
7		All units	All sections	154CG	Avn Maint Officer	
8		All units	Operations	154CI H3	Tac Ops Officer	
9		SOA units	All sections	154C0 K4	MH-47D Pilot	Subsequent positions also graded W3.
10		SOA units	All sections	154C0 K6	MH-47E Pilot	Subsequent positions also graded W3.
11		SOA units	All sections	154C0 H2	ALSE Officer	
12		SOA units	All sections	154CE	Actt Armt Maint Off	
13		USA Avn Ctr	All sections	154CC	Instr Pilot	Subsequent positions also graded W3.
14		USA RC Spt Grp	All sections	154C0	Asst Ops Officer	May be coded with SQI I and ASI H3.
15	W4	All units	All sections	154C8	Instructor	Subsequent positions graded W3.
16		All units	All sections	154C0	Sr Observer/Controller	May be coded with SQI G.
17		All units	All sections	154CH	Stdzn Instr Pilot	
18		All units	All sections	154CL	Maint Test Flt Eval	
19		All units	All sections	154CZ	RDTE Tech	Subsequent positions graded W3.
20		All units	Command Section	154CB	Avn Safety Officer	
21		All units	Command Section S3	154CI H3	Tac Ops Officer	
22		70th Trans Hq	Prod Cont Sec	154CG	Avn Maint Officer	
23		AVCRAD	All sections	154C0	Sec/Branch Chief	ARNG. May be coded with SQI G.
24		AVCRAD	All sections	154CG	Avn Maint Officer	ARNG.
25		AVCRAD	All sections	154C0	QA/QC Officer	ARNG. May be coded with SQI G.
26		EAATS/WAATS	All sections	154C8	Instructor	ARNG. Subsequent positions also graded W4.
27		EAATS/WAATS	All sections	154CC	Instr Pilot	ARNG. Subsequent positions also graded W4.
28		SOA units	All sections	154CB	Avn Safety Officer	
29		SOA units	All sections	154CC	Instr Pilot	
30		SOA units	All sections	154CF	Sr IP/IFE	
31		SOA units	All sections	154CG	Avn Maint Officer	
32		USA Avn Ctr	All sections	154C0	Tng Sys Mgr	Subsequent positions graded W3.
33		USA Avn Ctr	All sections	154C0	Tng Dev Off	Subsequent positions graded W3.
34		USA Avn Ctr	All sections	154C0	Flt Leader	Subsequent positions graded W3. May be coded with SQI C.
35		USA Avn Ctr	All sections	154C0	Instr Sys Eval	Subsequent positions graded W3. May be coded with SQI C.
36		USA Avn Ctr	Bde S2/S3	154C0	Stu Mgt Officer	
37		USA Avn Ctr	Bde S2/S3	154CI H3	Tac Ops Officer	
38		USA DCASR Boston	All sections	154CG	Avn Maint Officer	Subsequent positions also graded W4.
39		USA RC Spt Grp	All sections	154CB	Avn Safety Officer	
40		USA RC Spt Grp	All sections	154CG	Avn Maint Officer	Not for use in same section with SQI L position.
41		USA RC Spt Grp	All sections	154CI H3	Tac Ops Officer	
42		USA Safety Ctr	All sections	154CB	Avn Safety Officer	Subsequent positions also graded W4.
43	W5	5th Corps Hq Aug	Maint & Stds Br	154CH	Stdzn Instr Pilot	Subsequent positions also graded W4.
44		5th Corps Hq Aug	Maint & Stds Br	154CL	Maint Test Flt Eval	Subsequent positions graded W4.
45		160th Avn Rgt Aug	Sys Int Maint Ofc	154C0 K6	MH-47E Proj Officer	May be coded with SQI Z.
46		160th Avn Rgt Aug	SOA Tng Co	154C0	Facility Supv	May be coded with SQI H.
47		AVCRAD	QA/Test Flt Br	154C0	Branch Chief	May be coded with SQI G.
48		AVCRAD	QC Branch	154C0	Branch Chief	May be coded with SQI G.
49		EAATS/WAATS	All sections	154C8	Instructor	ARNG. Subsequent positions graded W4.
50		USA ATCOM	CH-47 PM	154CL	Maint Test Flt Eval	
51		USA Avn Ctr	Cargo/FW Br	154CH	Stdzn Instr Pilot	Subsequent positions graded W4.
52		USA Safety Ctr	Ops & Inves Branch	154CB	Avn Safety Officer	Subsequent positions graded W4.

**Table 8-155A-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	155A0	Fixed Wing Pilot	Subsequent positions also graded W2. May be coded with SQI 7.
2		All units	All sections	155A0 E3	C-20 Pilot	
3		All units	All sections	155A0 E6	C-21 Pilot	
4		All units	All sections	155A0 E7	C-23 Pilot	
5		All units	All sections	155A0 E8	C-26 Pilot	
6		All units	All sections	155A0 F5	O-5A/EO-5B Pilot	
7		All units	All sections	155A0 H3	ASE/EW Officer	
8		All units	All sections	155AC	Instr Pilot	
9	W3	All units	All sections	155AG	Avn Maint Officer	May be coded with SQI 7. One per unit.
10		All units	All sections	155A0	Section Leader	
11		All units	All sections	155AB	Avn Safety Officer	
12		All units	All sections	155AF	Sr IP/IFE	
13		All units	Operations	155AI H3	Tac Ops Officer	
14		All units	Co Headquarters	155AH	Stdzn Instr Pilot	
15		Avn Maint (AVUM)	All sections	155AG	Avn Maint Officer	
16		Avn Maint (AVIM)	All sections	155AG	Avn Maint Officer	One W3 position per unit. Subsequent positions graded W2. Subsequent positions graded W3.
17	W4	Avn Bn	Command Section	155AH	Stdzn Instr Pilot	
18		Avn Bn	Command Section	155AB	Avn Safety Officer	
19		Avn Bn	Command Section S3	155AI H3	Tac Ops Officer	
20		Avn Bn	Command Section S4	155AL	Maint Test Flt Eval	
21		Avn Maint (AVIM)	All sections	155AL	Maint Test Flt Eval	One position per unit.
22	W5	SEMA AEB	Command Section	155AB	Avn Safety Officer	
23		SEMA AEB	Command Section	155AH	Stdzn Instr Pilot	
24		SEMA AEB	Command Section S3	155AI H3	Tac Ops Officer	
25		SEMA AEB	Command Section S4	155AL	Maint Test Flt Eval	

**Table 8-155A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	155A0	Fixed Wing Pilot	Subsequent positions also graded W2.
2		All units	All sections	155A0 E3	C-20 Pilot	
3		All units	All sections	155A0 E6	C-21 Pilot	
4		All units	All sections	155A0 E7	C-23 Pilot	
5		All units	All sections	155A0 E8	C-26 Pilot	
6		All units	All sections	155A0 F5	O-5A/EO-5B Pilot	
7		All units	All sections	155AC	Instr Pilot	
8	W3	All units	All sections	155AB	Avn Safety Officer	
9		All units	All sections	155AF	Sr IP/IFE	
10		All units	All sections	155AG	Avn Maint Officer	
11		All units	Operations	155AI H3	Tac Ops Officer	
12		USA MI Bn	Command Section S4	155A0	Avn Materiel Officer	
13		USA OSAC	USA Pat Det (Andrews)	155AC	Instr Pilot	May be coded with SQI G.
14	USA OSAC	USA Pat Det (Andrews)	155AF	Sr IP/IFE	Two positions.	

**Table 8-155A-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
15	W4	All units	All sections	155A8	Instructor	Subsequent positions graded W3.
16		All units	All sections	155AH	Stdzn Instr Pilot	
17		All units	All sections	155AJ	Engr Test Pilot	AERS position. Subsequent positions also graded W4.
18		All units	Command Section	155AB	Avn Safety Officer	
19		All units	Command Section S3	155AI	Tac Ops Officer	
20		All units	Command Section S4	155AL	Maint Test Flt Eval	
21		7th Army Tng Co	Ops Sec	155AH	Stdzn Instr Pilot	
22		ARNG OSAC	ARNG Flt Det	155AI H3	Tac Ops Officer	ARNG.
23		Bde Hq Aug	Cbt Arms Br	155AB	Avn Safety Officer	
24		EAATS/WAATS	All sections	155AH	Stdzn Instr Pilot	ARNG.
25		EAATS/WAATS	All sections	155AC	Instr Pilot	ARNG. Subsequent positions graded W4.
26		MACE	Trans Branch	155A0	Branch Chief	ARNG.
27		STARC/DARC/TARC	Staff Avn Sec	155AB	Avn Safety Officer	ARNG.
28		USA Avn Ctr	All sections	155A0	Cbt Dev Stf Off	Subsequent positions graded W3.
29		USA Avn Ctr	Stdzn Div	155A0	Aerospace Sys Insp	May be coded with SQI F.
30		USA OSAC	USA Pat Det (Andrews)	155AB	Avn Safety Officer	
31		USA OSAC	USA Pat Det (Andrews)	155AH	Stdzn Instr Pilot	
32		USA OSAC	USA Pat Det (Andrews)	155AG	Avn Maint Officer	
33		USA Parachute Tm	Flt section	155AB	Avn Safety Officer	
34		USA Parachute Tm	Flt section	155AG	Avn Maint Officer	
35		USA Parachute Tm	Flt Section	155AH	Stdzn Instr Pilot	
36		USA Res Pers Ctr	Aviation Team	155A0	Pers Mgr	See note.
37		USA Safety Ctr	All sections	155AB	Avn Safety Officer	Subsequent positions also graded W4.
38	W5	ARNG OSAC	ARNG Flt Det	155A0	Det Cdr	May be coded with SQI I and ASI H3.
39		STARC/DARC/TARC	All sections	155A0	State Avn Safety Off	ARNG. May be coded with SQI B.
40		STARC/DARC/TARC	All sections	155A0	State Avn Maint Off/MTFE	ARNG. May be coded with SQI L.
41		STARC/DARC/TARC	All sections	155A0	State FW SIP	ARNG. May be coded with SQI H.
42		STARC/DARC/TARC	All sections	155A0	State Tac Ops/Tng Mgr	ARNG. May be coded with SQI I.
43		USA Avn Tech Test Ctr	Flt Ops Branch	155AZ	RDTE Tech	
44		USA OSAC	Ofc of Cdr	155AB	Avn Safety Officer	
45		USA OSAC	Ofc of Cdr	155A0 E4	U-21 SIP	May be coded with SQI H.
46		USA OSAC	Ofc of Cdr	155A0 E5	C-12 SIP	May be coded with SQI H.
47		USA Safety Ctr	Training Div	155AB	Avn Safety Officer	Subsequent positions graded W4.
48		USA Pacific	Aviation Div	155A0	USARPAC Stdzn Officer	May be coded with SQI H.
49		Army Reserve Cmd	ARMS Team	155A0	Stdzn Officer	USAR. See note. Subsequent positions graded W4. May be coded with SQI H.

Notes:

Branch specific/MOS nonspecific. May be filled by warrant officer holding any Aviation Branch MOS.

**Table 8-155D-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	155D0	U-21 Pilot	Subsequent positions also graded W2.
2		All units	All sections	155D0	RU-21 Pilot	Subsequent positions also graded W2.
3		All units	All sections	155D0 H2	ALSE Officer	
4		All units	All sections	155D0 H3	ASE/EW Officer	
5		All units	All sections	155DC	Instr Pilot	Subsequent positions also graded W2.
6		All units	All sections	155DG	Avn Maint Officer	

**Table 8-155D-1  
Standards of grade TOE/MTOE—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
7	W3	All units	All sections	155D0	Section Leader	
8		All units	All sections	155DB	Avn Safety Officer	One per unit.
9		All units	All sections	155DF	Sr IP/IFE	One per flt plt.
10		All units	Operations	155DI H3	Tac Ops Officer	One per unit.
11		All units	Co Headquarters	155DH	Stdzn Instr Pilot	
12		Avn Maint (AVUM)	All sections	155DG	Avn Maint Officer	One position per unit. Subsequent positions graded W2.
13		Avn Maint (AVIM)	All sections	155DG	Avn Maint Officer	Subsequent positions graded W3.
14	W4	Avn Bn	Command Section	155DH	Stdzn Instr Pilot	
15		Avn Bn	Command Section	155DB	Avn Safety Officer	
16		Avn Bn	Command Section S3	155DI H3	Tac Ops Officer	
17		Avn Bn	Command Section S4	155DL	Maint Test Flt Eval	
18		Avn Maint (AVIM)	All sections	155DL	Maint Test Flt Eval	One position per unit.
19	W5	SEMA AEB	Command Section	155DB	Avn Safety Officer	
20		SEMA AEB	Command Section	155DH	Stdzn Instr Pilot	
21		SEMA AEB	Command Section S3	155DI H3	Tac Ops Officer	
22		SEMA AEB	Command Section S4	155DL	Maint Test Flt Eval	

**Table 8-155D-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	155D0	U-21 Pilot	Subsequent positions also graded W2.
2		All units	All sections	155D0 H2	ALSE Officer	
3		All units	All sections	155D0	RU-21 Pilot	Subsequent positions also graded W2.
4		All units	All sections	155DC	Instr Pilot	Subsequent positions also graded W2.
5	W3	All units	All sections	155D0	Section Leader	
6		All units	All sections	155DB	Avn Safety Officer	
7		All units	All sections	155DF	Sr IP/IFE	
8		All units	All sections	155DG	Avn Maint Officer	
9		All units	Operations	155DI H3	Tac Ops Officer	
10	W4	STARC/DARC/TARC	Scty & Plans Branch	155D0	Avn Liaison Officer	ARNG.
11		All units	All sections	155DH	Stdzn Instr Pilot	
12		All units	All sections	155D8	Instructor	Subsequent positions graded W3.
13		All units	Command Section	155DB	Avn Safety Officer	
14		All units	Command Section S3	155DI H3	Tac Ops Officer	
15		All units	Command Section S4	155DL	Maint Test Flt Eval	
16		EAATS/WAATS	All sections	155DC	Instr Pilot	ARNG. Subsequent positions also graded W4.
17		USA Aeronautical Svc	Regions	155D0	Asst Darr	May be coded with SQI F.
18		USA Avn Tech Test Ctr	Flt Test Br	155DZ	RDTE Tech	

**Table 8-155E-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	155E0	C-12 Pilot	Subsequent positions also graded W2.
2		All units	All sections	155E0 F3	RC-12D/G/H Pilot	Subsequent positions also graded W2.
3		All units	All sections	155E0 F4	RC-12K/N Pilot	Subsequent positions also graded W2.
4		All units	All sections	155E0 H2	ALSE Officer	
5		All units	All sections	155E0 H3	ASE/EW Officer	
6		All units	All sections	155EC	Instr Pilot	Subsequent positions also graded W2.
7	W3	All units	All sections	155EG	Avn Maint Officer	
8		All units	All sections	155E0	Section Leader	

**Table 8-155E-1**  
Standards of grade TOE/MTOE—Continued

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
9		All units	All sections	155EB	Avn Safety Officer	One per unit.
10		All units	All sections	155EF	Sr IP/IFE	One per flt plt.
11		All units	Operations	155EI H3	Tac Ops Officer	One per unit.
12		All units	Co Headquarters	155EH	Stdzn Instr Pilot	
13		Avn Maint (AVUM)	All sections	155EG	Avn Maint Officer	One position per unit. Subsequent positions graded W2.
14		Avn Maint (AVIM)	All sections	155EG	Avn Maint Officer	Subsequent positions graded W3.
15	W4	Avn Bn	Command Section	155EH	Stdzn Instr Pilot	
16		Avn Bn	Command Section	155EB	Avn Safety Officer	
17		Avn Bn	Command Section S3	155BI H3	Tac Ops Officer	
18		Avn Bn	Command Section S4	155EL	Maint Test Flt Eval	
19		Avn Maint (AVIM)	All sections	155EL	Maint Test Flt Eval	One position per unit.
20	W5	SEMA AEB	Command Section	155EB	Avn Safety Officer	
21		SEMA AEB	Command Section	155EH	Stdzn Instr Pilot	
22		SEMA AEB	Command Section S3	155EI H3	Tac Ops Officer	
23		SEMA AEB	Command Section S4	155EL	Maint Test Flt Eval	

**Table 8-155E-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	155E0	C-12 Pilot	Subsequent positions also graded W2.
2		All units	All sections	155E0 H2	ALSE Officer	
3		All units	All sections	155E0 F3	RC-12D/G/H Pilot	Subsequent positions also graded W2.
4		All units	All sections	155E0 F4	RC-12K/N Pilot	Subsequent positions also graded W2.
5		All units	All sections	155EC	Instr Pilot	Subsequent positions also graded W2.
6	W3	All units	All sections	155E0	Section Leader	
7		All units	All sections	155EB	Avn Safety Officer	
8		All units	All sections	155EF	Sr IP/IFE	
9		All units	All sections	155EG	Avn Maint Officer	
10		All units	Operations	155EI H3	Tac Ops Officer	
11		USA Intel Ctr	SEMA Instr Section	155EC	Instr Pilot	
12	W4	All units	All sections	155E8	Instructor	Subsequent positions graded W3.
13		All units	All sections	155EH	Stdzn Instr Pilot	
14		All units	Command Section	155EB	Avn Safety Officer	
15		All units	Command Section S3	155EI H3	Tac Ops Officer	
16		All units	Command Section S4	155EL	Maint Test Flt Eval	
17		EAATS/WAATS	All sections	155EC	Instr Pilot	ARNG. Subsequent positions also graded W4.
18		STARC/DARC/TARC	All sections	155EB	Avn Safety Officer	ARNG.
19		USA Aeronautical Svc	Region Hq	155E0	Asst DARR	May be coded with SQI H.
20		USA Avn Ctr	QA Plt	155EH	Stdzn Instr Pilot	
21		USA Avn Det Japan	Ofc of Cdr	155EB	Avn Safety Officer	
22		USAG Ft Shafter	Aviation Div	155EB	Avn Safety Officer	
23		USA OSAC	Tng & Analysis Br	155E0	Branch Chief	May be coded with SQI I.
24		USA OSAC	Cmd Maint Ofc	155E0	Cmd Avn Maint Off	May be coded with SQI G.
25		USA OSAC	NCR Flt Ctr	155EB	Avn Safety Officer	
26		USA OSAC	Eastern Rgn Hq	155EB	Avn Safety Officer	
27		USA OSAC	Western Rgn Hq	155EB	Avn Safety Officer	
28		USA Safety Ctr	All sections	155EB	Avn Safety Officer	Subsequent positions also graded W4.
29	W5	USA OSAC	NCR Flt Ctr	155EH	Stdzn Instr Pilot	

**Table 8–180A–1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	180A0	Asst Detachment Cdr	
2		SF Co, SF Bn	Op Det Alpha (MFF)	180A0 4X	Asst Detachment Cdr	
3		SF Co, SF Bn	Op Det Alpha (Cbt Div)	180A0 4W	Asst Detachment Cdr	
4		TASOC	S2	180A0 9M	Special Forces WO	
5	W3	SF Co, SF Bn	Op Det Alpha	180A0	Asst Detachment Cdr	See note.
6		SF Co, SF Bn	Op Det Bravo	180A0	Company Ops WO	
7	W4	SF Bn	Op Det Charlie (S3)	180A0	Battalion Ops WO	
8	W5	SF Gp	SF Group S2	180A0	Group Intelligence WO	
9		SF Gp	SF Group S3	180A0	Group Ops WO	

Notes:

<sup>1</sup> First Team Detachment graded W3; all others graded W2.

**Table 8–210A–1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	210A0	Util Op & Maint Tech	
2		HHC, Engr Cbt Bn	Cbt Const Plt/Sec	210A0	Util Op & Maint Tech	
3		Engr Power Line Det	Power Line Tm	210A0	Util Op & Maint Tech	
4		Engr Utilities Det	Operations Section Utilities Sec	210A0	Util Op & Maint Tech	
5		MD Hosp	Sup and Svc Br/Div	210A0	Util Op & Maint Tech	May be coded with SQL 5.
6		Light Ord (Maint) Co	Maint Spt Plt Hq	210A0	Util Op & Maint Tech	
7	W3	Prime Pwr Bn	Prime Pwr Plt Hq	210A5	Power System Tech	
8	W4	Prime Pwr Bn	Hvy Maint Section	210A5	Power System Tech	

**Table 8–210A–2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	210A0	Util Op & Maint Tech	
2		Grp TRC Tng, 5th Army	RTD1 Mesquite	210A0	Maint Officer	
3		USA Equip Eval Activity	Fac Support Div	210A0	Chief, Maint Tech	
4		MD Hosp/Med Ctr	Sup & Svc Br/Div/Fac	210A5	Power Sys Tech	
			Mgmt Br	210A0	Util Op & Maint Tech	
5	W3	USAEC	Vert Skills	210A8	Instructor	Three positions.
6	W4	USAEHSC	Prime Pwr Crs	210A0	Chief of Training	May be coded with SQL 5.
7		USAEC	Tng Dev DCTE	210A0	WO Tng Anal	
			Vert Skills	210A8	Instructor	Two positions.
8		USA Elm SHAPE	Inhouse MC Ofc	210A0	Maint Officer	
9		USA Elm AFSOUTH	Engineering Branch	210A0	Maint Officer	
10		USAR, Cmd, HHC	EN Sec	210A0	Util Op & Maint Tech	USAR.
11		STARC/DARC/TARC	All directorates	210A0	Util Op & Maint Tech	ARNG. Second position graded W3. Subsequent positions graded W2.
12		USAR, Cmd, HHC	EN Sec	210A0	Util Op & Maint Tech	USAR.
13	W5	Hq, Elm AFSOUTH	Energy/Resource Mgt	210A0	Maint Cont Off	
14		USAEC	EN Per Prop Ofc	210A0	EN Prop Coord	See note.
15		USAR, Cmd, HHC	EN Sec	210A0	Util Op & Maint Tech	USAR.
16		Navajo Army Depot	Bldg/Grds Br	210A0	Util Op & Maint Tech	ARNG.
17		Instal Spt Unit	Div/Sec	210A0	Util Op & Maint Tech	ARNG. Second position graded W4. Subsequent positions graded W3.

Notes:

Branch specific/MOS nonspecific. May be filled by warrant officer holding any Engineer Branch MOS.

**Table 8-215D-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	215D0	Terrain Anal Tech	
2		Tech Control Sec	Topo Plan-Control	215D0	Terrain Anal Tech	
3		Terrain Dir Spt Elm	Topo Plan-Control	215D0	Terrain Anal Tech	
4		Terrain Analysis Tm	Topo Plan-Control	215D0	Terrain Anal Tech	
5	W3	Topo Planning/Control Tm	Topo Plan-Control	215D0	Terrain Anal Tech	
6		Topo Engr Co	Terr Anay Plt Hq	215D0	Terrain Anal Tech	
7		Engr Topo Co (Corps)	Terr Anay DS Con Sec	215D0	Terrain Anal Tech	
8	W4	HHC, Engr Cmd	ACofS Intelligence	215D0	Terrain Anal Tech	

**Table 8-215D-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	215D0	Terrain Anal Tech	
2		297th Mil Intel Bn Aug	JIC CENTCOM	215D0	Terrain Anal Tech	
3	W3	USA Elm Def Mapping Agcy	Digital Prog Br	215D8	Instructor	
4		USA Elm Def Mapping Agcy Def Mapping School	Map, Chart & Geo Div Topo Div	215D8	Instructor	AERS position.
5		USAE Joint Anal Ctr MOLE	Assessments Br	215D0	Sr Terrain Analyst	
6	W4	USAEAC	Tng Dev Dtl Tech Exper Sec	215D0	Terrain Anal Tech	
7		USA Ofc of Human Resource Mgt	Joint Ops Division	215D8	Instructor	AERS position.
8		STARC/DARC/TARC	All directorates	215D0	Terrain Anal Tech	ARNG. Second position graded W3. Subsequent positions graded W2.
9	W5	USA Engr Topo Lab	Field Spt Ofc	215D0	Terrain Anal Tech	AERS position.

**Table 8-250A-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	250A0	Comm Security Tech	May be coded with SQI 7.
2	W3	All units	Div COMSEC Ofc Record	250A0	Comm Security Tech	May be coded with SQI 7.
3		HHC Div Sig Bn (MSE)	Div COMSEC Ofc	250A0	Comm Security Tech	May be coded with SQI 7.
4		HHC Corps Sig Bde	Sig Engineering Br	250A0	Comm Security Tech	May be coded with SQI 7.
5		HHC Corps Sig Bde (MSE)	Bde COMSEC Ofc Record	250A0	Comm Security Tech	
6		HHC MI Bde (EAC)	Bde C-E Section	250A0	Comm Security Tech	
7		HHT Cav Rgt	COMSEC Log Sec	250A0	Comm Security Tech	
8		HHC Grp Counterint	All sections	250A0	Comm Security Tech	
9		HHB ADA Bde Hvy Corps	Commo Section	250A0	Comm Security Tech	
10		HHC Hvy Sep Bde	C-E Staff Section	250A0	Comm Security Tech	
11		HHC Sep Inf Bde	C-E Staff Section	250A0	Comm Security Tech	
12		COMSEC/IEW Equip Rpr Plt	COMSEC Equip Rep Sect	250A0	Comm Security Tech	
13		TCOR/Inv Ctrl Plt	TCOR Section	250A0	Comm Security Tech	
14	W4	All units	Corps COMSEC Ofc Rec	250A0	Comm Security Tech	May be coded with SQI 7.
15		HHC Scout Group	C-E Staff Section	250A0	Comm Security Tech	
16		HHB MI Bde	COMSEC Log Section	250A0	Comm Security Tech	May be coded with SQI 7.
17		HHB ADA Bde	Commo Section	250A0	Comm Security Tech	
18		HHC Army	Operations Br	250A0	Comm Security Tech	
19	W5	HHC Theater Signal Cmd	All sections	250A0	Comm Security Tech	Second position graded W4, third position graded W3.
20		HHC Theater Sig Bde	Sig Plans/Intel Br	250A0	Comm Security Tech	

**Table 8-250A-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	250A0	Comm Security Tech	
2	W3	USASIGC	WO Div	250A8	Instructor	AERS position. See note. Second position graded W3.
3		USA Elm Def Nuc Agcy	Ops Center Div	250A0	Comm Security Tech	
4		USA Elm ALFSE/AF-SOUTH	Admin/Pers/Scty	250A0	Comm Security Tech	
5		USA Hq Comm Elect Cmd	Comm Br	250A0	Comm Security Tech	
6		7th Army/CATC	C&E Br	250A8	Instructor	AERS position.
7		USA Elm Nat Comm Sys	Ofc NCS PI & Pgms	250A0	Comm Security Tech	
8		USA Elm CENTAG	All sections	250A0	Comm Security Tech	
9		USA Elm OSIA	All sections	250A0	Comm Security Tech	
10		Joint Tactical C3	TCCCA COMSEC	250A0	Comm Security Tech	
11		USA Depot Tobyhanna	Res Tng Div	250A0	Comm Security Tech	
12		USA Info Sys Engr	Def Msg Sys Engr	250A0	Comm Security Tech	Subsequent positions graded W3.
13		AFSOUTH	All sections	250A0	Comm Security Tech	
14		USAR Full Time Spt	Atlanta, GA	250A0	Comm Security Tech	
15	W4	USASIGC	WO Div	250A8	Instructor	AERS position. See note. Second position.
16		WHCA	COMSEC Acctg Br	250A0	Info Sys Scty Off	
17		WHCA	Op Travel Br	250A0	Deputy Ops Off	
18		SAM-ITS Pentagon	All sections	250A0	Comm Security Tech	
19		USA Elm US Sp Ops Cmd	Telecom Br	250A0	Comm Security Tech	
20		USA Elm Hq USSOUTH-COM	COMSEC Branch	250A0	Comm Security Tech	
21		USA Elm ALFSEE/ALFS	Joint COMSEC Sect	250A0	Comm Security Tech	
22		USAISC Mgmt Engr Actvy	Ft Huachuca	250A0	Comm Security Tech	
23		USA Spec Opns Spt	Comm Br	250A0	Comm Security Tech	
24		STARC/DARC/TARC	All sections	250A0	Comm Security Tech	ARNG. See note.
25	W5	USASIGC	WO Div	250A0	Division Chief	AERS position. See note. May be coded with SQI 8.
26		Hq FORSCOM	Jt Plans and Req Br	250A0	COMSEC Mgmt Off	
27		USFK COMSEC Sup Act	CCSF	250A0	Comm Security Tech	
28		Install Spt Unit	All sections	250A0	Comm Security Tech	ARNG. Second position graded W3; subsequent positions graded W2.
29		Signal Spt Det	Crypto Mat Ctrl	250A0	Comm Security Tech	ARNG. Second position graded W4; subsequent positions graded W2.

Notes:

Branch specific/MOS nonspecific. May be filled by warrant officer holding any Signal Branch MOS.

**Table 8-250B-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	250B0 3E	Tac Auto Network Tech	
2		All units	All sections	250B0	Tac Auto Network Tech	May be coded with SQI 7.
3	W3	All units	Div Signal Office	250B0	Tac Auto Network Tech	May be coded with SQI 7.
4		Corps Sig Bn	Ops/Intel Section	250B0	Tac Auto Network Tech	
5		HHC Corps Sig Bde	Sig Engineering Br	250B0	Tac Auto Network Tech	May be coded with SQI 7.
6	W4	All units	Corps Signal Ofc	250B0	Tac Auto Network Tech	May be coded with SQI 7.
7		Sig Det	CMO Div	250B0	Tac Auto Network Tech	
8	W5	HHC Theater Sig Cmd	CSCE/ISYSCON Br	250B0	Tac Auto Network Tech	Second position graded W4.
9		HHD Army SC Bde	Sig Plans/Intel Br	250B0	Tac Auto Network Tech	

**Table 8-250B-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	250B0 3E	Tac Auto Network Tech	
2		All units	All sections	250B0	Tac Auto Network Tech	
3	W3	USASIGC	TAS Br	250B0	Tac Auto Network Tech	
4		USASIGC	Network Intgrtg	250B0	Tac Auto Network Tech	Second position graded W3.
5		USA Depot Tobyhanna	COMSEC Sup Div	250B0	Tac Auto Network Tech	
6		USA Info Sys Engr	Def Msg Sys Engr	250B0	Tac Auto Network Tech	
7		Hq AFSOUTH	All sections	250B0	Tac Auto Network Tech	
8		ACT Spt Outside DoD	All sections	250B0	Tac Auto Network Tech	
9		USAR Full Time Spt	Atlanta, GA	250B0	Tac Auto Network Tech	
10	W4	USASIGC	WO Div	250B8	Instructor	AERS position. See note. Second position graded W3.
11		WHCA	Op Travel Br	250B0	Dep Ops Off	Subsequent positions graded W3.
12		WHCA	C3 Systems Br	250B0	Deputy Chief	
13		WHCA	Travel Sys Br	250B0	Chief Travel Sys Br	
14		WHCA	Network Sys Br	250B0	Branch Chief	
15		WHCA	Maintenance Br	250B0	Chief Maint Br	
16		WHCA	Voice Netwk Br	250B0	Branch Chief	
17		WHCA	Radio Sys Unit	250B0	Comm Maint Off	Subsequent positions grade W3.
18		WHCA	Cp Dvd Det Hqs	250B0	Commander	
19		WHCA	Andrews Comm Spt	250B0	Commander	
20		WHCA	Carswell AFB C	250B0	Commander	
21		WHCA	AFB Commo	250B0	Commander	
22		USA OPTEC	Test Spt Br	250B0	Tac Auto Network Tech	
23		USA Elm Hqs EUCOM	Comm Ops Br	250B0	Tac Auto Network Tech	
24		USA Elm Joint Test	All sections	250B0	Tac Auto Network Tech	
25		STARC/DARC/TARC	All sections	250B0	Tac Auto Network Tech	ARNG. Second position graded W3; subsequent positions graded W2.
26		Install Spt Unit	All sections	250B0	Tac Auto Network Tech	ARNG.
27		Reg Tng Site Maint	All sections	250B0	Tac Auto Network Tech	
28	W5	USAISC INSCOM	All sections	250B0	Tac Auto Network Tech	
29		WHCA	Washington Op Br	250B0	Dep Ops Off	
30		Avn Cls Rep Acty	All sections	250B0	Tac Auto Network Tech	ARNG. Second position graded W4; subsequent positions graded W3.
31		EAATS	Flt Sim Div	250B0	Tac Auto Network Tech	ARNG. Second position graded W4; subsequent positions graded W3.
32		ARNG Readiness Ctr	Log Directorate	250B0	Tac Auto Network Tech	

Notes:

Branch specific/MOS nonspecific. May be filled by warrant officer holding any Signal Branch MOS.

**Table 8-250N-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	250N03E	SATCOM Repair Tech	
2		All units	All sections	250N0	Network Mgmt Tech	May be coded with SQI 7.
3	W3	All units	Div COMSEC Ofc of Record	250N0	Network Mgmt Tech	May be coded with SQI 7.
4		All units	Div Central Ofc of Record	250N0	Network Mgmt Tech	May be coded with SQI 7.
5		All units	Div Signal Office	250N0	Network Mgmt Tech	May be coded with SQI 7.
6		HHC Corps Sig Bde	Sig Engineering Br	250N0	Network Mgmt Tech	May be coded with SQI 7.
7		HHC Corps Sig Bde	Bde COMSEC Ofc of Record	250N0	Network Mgmt Tech	May be coded with SQI 7.
8		Sep Hvy Bde (AR/INF/MECH)	All sections	250N0	Network Mgmt Tech	
9		HHC Theater Sig Bde	Logistics Section	250N0	Network Mgmt Tech	
10		HHC Theater Sig Bde	CLSC ICC	250N0	Network Mgmt Tech	

**Table 8-250N-1  
Standards of grade TOE/MTOE—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
11		HHC Corps Sig Bn	Ops/Intel Sec	250N0	Network Mgmt Tech	May be coded with SQI 7. Second position graded W2.
12		HHC ADA Bde (Corps)	Communications Sec	250N0	Network Mgmt Tech	
13	W4	All units	Corps Signal Office	250N0	Network Mgmt Tech	May be coded with SQI 7.
14		All units	Corps COMSEC Ofc of Record	250N0	Network Mgmt Tech	May be coded with SQI 7.
15		All units	Corps Central Ofc of Record	250N0	Network Mgmt Tech	May be coded with SQI 7.
16		MI HHD Bde	COMSEC Log Sec	250N0	Network Mgmt Tech	May be coded with SQI 7.
17		HHB ADA Bde (AOE/EAC/TA)	Communications Sec 250N0			
18		HHB ADA CMD	Command Signal Ofc	250N0	Network Mgmt Tech	
19		HHC 3d Army	Operations Br	250N0	Network Mgmt Tech	
20		HHC Theater Sig Bde	Intel Br	250N0	Network Mgmt Tech	
21		HHC Theater Sig Bde	Sig Engineering Br	250N0	Network Mgmt Tech	
22	W5	HHC Theater Sig Cmd	CSCE/ISYSCON Br	250N0	Network Mgmt Tech	Second position graded W4.
23		HHC Theater Sig Cmd	C4 Branch	250N0	Network Mgmt Tech	
24		HHC Theater Sig Bde	Sig Plans/Intel Br	250N0	Network Mgmt Tech	
25		HHC Theater Sig Bde	Theater COMSEC Br	250N0	Network Mgmt Tech	

**Table 8-250N-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	250N03E	SATCOM Repair Tech	
2		All units	All sections	250N0	Network Mgmt Tech	
3	W3	ITASS/ITAADS	All sections	250N8	Instructor	AERS position.
4		USA Space Cmd	DCF Operations	250N03E	Team Chief	
5		USAISC Mgmt Engr Act	Ops Div/Cont Info Sys Br	250N0	Network Mgmt Tech	
6		HHC SIB	All sections	250N0	Network Mgmt Tech	
7		USASIGCEN	Network Intg/TAS Br	250N0	Network Mgmt Tech	
8		USA COMSEC Spt Act	SBREL CCSF	250N0	Network Mgmt Tech	
9		WHCA	COMSEC Acct Br	250N0	Info Sys Scty Off	
10		WHCA	Travel Sys Br	250N0	Chief	
11		WHCA	Network Sys Br	250N0	Branch Chief	
12		WHCA	Maintenance Br	250N0	Chief	
13		WHCA	Voice Network Br	250N0	OIC	
14		WHCA	Radio Sys Unit	250N0	Comm Maint Off	
15		USA Elm CENTAG	All sections	250N0	Network Mgmt Tech	
16		USA Elm On Site Insp	All sections	250N0	Network Mgmt Tech	
17		USA Elm DNA	Ops Center Div	250N0	Network Mgmt Tech	
18		USA NCS	Ofc NCS PL & PGM	250N0	Network Mgmt Tech	
19		Joint Tac C3	TCCCA COMSEC	250N0	Network Mgmt Tech	
20		USA Spec Ops Spt	COMSEC Br	250N0	Network Mgmt Tech	
21		USA Hq Comm Elct	New Equip Tng Br	250N0	Network Mgmt Tech	
22		Spt Co, 7th Army/ CATC	All sections	250N0	Chief Instructor	
23		USA Elm Allied Forces Europe	LCO VIB	250N0	Network Mgmt Tech	
24		USA SF Cmd Air- borne	Commo & Elect/IMO	250N0	Network Mgmt Tech	May be coded with SQI 7.
25		USA Info Sys Engr	Sw Sys Eng	250N0	Network Mgmt Tech	
26		USA Elm AF South	All sections	250N0	Network Mgmt Tech	
27		USA Elm DISA	All sections	250N0	Network Mgmt Tech	
28		SAM-ITS Pent	All sections	250N0	Network Mgmt Tech	
29		USA FA School	All sections	250N0	Network Mgmt Tech	
30		CMD USAISC Opns	All sections	250N0	Network Mgmt Tech	
31		SETAF	Security Division	250N0	Network Mgmt Tech	
32		USAR Full Time Spt	335th East Point	250N0	Network Mgmt Tech	

**Table 8-250N-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
33		Hq STARC/DARC\ TARC	All sections	250N0	Network Mgmt Tech	
34		Sig/Inst Spt Det	All sections	250N0	Network Mgmt Tech	
35		USA Elm Atlantic Cmd	All sections	250N0	Network Mgmt Tech	Subsequent positions graded W2.
36	W4	USASIGCEN	WO Div	250N8	Sr Instructor/Writer	AERS position. Second position graded W4. Subsequent positions graded W3.
37		USA OPTEST & Eval	Test Spt Br	250N0	Network Mgmt Tech	
38		ACT Spt Outside DoD	All sections	250N0	Network Mgmt Tech	
39		USA Elm Hq US-SOUTH	Resscec Br	250N0	Network Mgmt Tech	
40		USA Elm Hq EUCOM	Communications Ops Br	250N0	Network Mgmt Tech	
41		USA Elm Joint Test	Q11. JADS, NM	250N0	Network Mgmt Tech	
42		WHCA	Op Travel Br	250N0	Dep Ops Off	Subsequent position graded W3.
43		WHCA	C3 System Br	250N0	Deputy	
44		WHCA	Det Hqs/Spt Tm	250N0	Commander	
45		Joint Comm Spt Elm	STAEC Br	250N0	Network Mgmt Tech	
46		Hq S USA Elm ACE	Crypto Dist Sec	250N0	Network Mgmt Tech	
47		USA Elm ALFSEE	Joint COMSEC Sec	250N0	Network Mgmt Tech	
48		USA Elm Allied Forces Europe	Terminals Sec	250N0	Network Mgmt Tech	
49		USA Elm SOUTH-COM	Telecommunications Br	250N0	Network Mgmt Tech	
50		USA Comm Scty Log Act	New Eq Tng Br	250N0	Branch Chief	
51		USA Elm Hq CENTCOM	Message Process Br	250N0	Branch Chief	
52		USA Spec Ops Spt	Comm Br	250N0	Network Mgmt Tech	
53		7th Sig HHC AUG	Security Div	250N0	Network Mgmt Tech	
54		USA Hq Comm Elct	All sections	250N0	Network mgmt Tech	Second position graded W3.
55		USA Aviation Center	S2/S3 Section	250N8	Instructor	AERS position.
56		USA Depot Tobyhanna	COMSEC Sup Div	250N0	Network Mgmt Tech	Second position graded W3.
57	W5	USASIGCEN	Officer Br	250N0	Pers Ppnt Mgr	See note.
58		USASIGCEN	WO Div	250N0	WO Tng Div Chief	AERS position. May be coded with SQI 8. See note.
59		PERSCOM	Assignment Br	250N0	Pers Mgt Off	See note
60		Hq USA FORSCOM	Exercise Br	250N0	Network Mgmt Tech	
61		USA Hq Comm Elct	Bus Mgt Br	250N0	Network Mgmt Tech	
62		USA COMSEC SPT Act	Seoul CCSF	250N0	Network Mgmt Tech	
63		USAR Cmd HHC	Svcs Div	250N0	Network Mgmt Tech	
64		USAISC Det INSCOM	All sections	250N0	Network Mgmt Tech	Subsequent position graded W4.
65		Hq USAR	All sections	250N0	Network Mgmt Tech	Subsequent position graded W4. See note.
66		Hq NGB	All sections	250N0	Network Mgmt Tech	Subsequent position graded W4. See note.

Notes:

<sup>1</sup> Branch specific/MOS nonspecific. May be filled by a warrant officer holding any Signal Branch MOS.

**Table 8-251A-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	251A0	DP Tech	May be coded with SQI 7.
2	W3	All units	Div Signal Office	251A0	DP Tech	May be coded with SQI 7.
3		All units	Sig Engineering Br	251A0	DP Tech	May be coded with SQI 7.
4		All units	CSS Auto Mgmt Ofc	251A0	DP Tech	May be coded with SQI 7.

**Table 8-251A-1  
Standards of grade TOE/MTOE—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
5		All units	Log Sys Autm Br	251A0	DP Tech	
6	W4	MMC, Theater Army	Procedures Anal Br	251A0	DP Tech	
7		All units	Corps Signal Ofc	251A0	DP Tech	May be coded with SQI 7.
8		HHC, SOA Regiment	ADP Section	251A0	DP Tech	May be coded with SQI 7.
9	W5	HHC, Theater Sig CMD	All sections	251A0	DP Tech	

**Table 8-251A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	251A0	DP Tech	
2	W3	HHC MI Grp CI	All sections	251A0	DP Tech	
3		21st Sup Cmd HHC	Elect Br	251A0	DP Tech	
4		USAR Cmd Hq/Spt	All sections	251A0	DP Tech	
5		USAISEC	Rel Mgnt Cs Br	251A0	DP Tech	
6		USASIGC	WO Div	251A8	Instructor	AERS position. Second position graded W3.
7			USA WO Career Ctr	Ft Rucker	251A0	DP Tech
8	W4	USAINSCOM Force Modernization Acty	Comp Sys Div	251A0	DP Tech	
9		USASIGC	WO Div	251A8	Instructor	AERS position.
10		WHCA	Automation Svc Br	251A0	Chief Auto Svc Br	Second position graded W3.
11		Act ARNG Tng Site	Automation Mgnt	251A0	DP Tech	
12		USAR Pers Ctr	All sections	251A0	DP Tech	Second position graded W3.
13		USAR Tech Grp	All sections	251A0	DP Tech	Second position graded W3.
14		SAM-ITS Pentagon	All sections	251A0	DP Tech	
15		Install Spt Unit	SIDPERS Br	251A0	DP Tech	ARNG.
16		Install Spt Unit	DOIM	251A0	DP Tech	ARNG.
17		STARC/DARC/TARC	All sections	251A0	DP Tech	ARNG. Second position graded W3; subsequent positions graded W2.
18		Avn Cls Rep Act	ADP Svcs Br	251A0	DP Tech	ARNG.
19		Navajo Army Depot	Mgnt Info Br	251A0	DP Tech	ARNG.
20		Data Proc Unit	All sections	251A0	DP Tech	ARNG. Second position graded W3; subsequent positions graded W2.
21	W5	USA FORSCOM Info Mgt	Plans/Requirements Br	251A0	DP Tech	
22		USASIGC	CCS	251A0	DP Tech	
23		USAR Persn Ctr	All sections	251A0	DP Tech	Second position graded W3.
24		NGB USA Element	Dir, Jt Staff	251A0	DP Tech	ARNG.
25		ARNG Readiness Ctr	Log Directorate	251A0	DP Tech	ARNG.
26		ARNG Readiness Ctr	Readiness Div	251A0	DP Tech	ARNG.
27		ARNG Readiness Ctr	Info Sys Directorate	251A0	DP Tech	ARNG.
28		ARNG Readiness Ctr	Pers Directorate	251A0	DP Tech	ARNG.
29		ARNG Readiness Ctr	Force Dev Dir	251A0	DP Tech	ARNG.

**Table 8-311A-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	Cmd.Control Tm	Command Section	311A0	CID Special Agent	
2		Trng/LSN Tm	General Subjects Team	311A0	CID Special Agent	
3	W3	MP Det (CID)	3/4 Crim Inves Tms	311A0	CID Special Agent	Second and subsequent positions graded W2.

**Table 8-311A-1  
Standards of grade TOE/MTOE—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
4		MP Det (CID) (CASE/TASE/ PASE)	8 Crim Inves Tms	311A0	CID Special Agent	Third and subsequent positions graded W2.
5		HHD MP Bn (CID)	S2/S3 Section	311AK	Polygraph Examiner	AERS positions. Second position grade W2.
6		HHD, MP Group (CID)	S2 Section	311A0	Criminal Intel Off	
7		MP Det (CID) (CASE/TASE/ PASE)	Operations Section	311A0	Criminal Intel Off	
8		HHD, MP Bn (CID)	S2/S3 Section	311A0	Criminal Intel Off	AERS position.
9		HHD, MP Bn (CID)	S2/S3 Section	311A0	Log Security Off	
10	W4	MP Det (CID) (DSE)	Element Hq	311A0	Commander	
11		MP Det (CID) (CASE/TASE/ PASE)	Operations Section	311A0	CID Ops Officer	
12		HHD, MP Group (CID)	S3 Section	311A0	Log Security Officer	
13		HHD, MP Group (CID)	S3 Section	311AK	Polygraph Examiner	AERS positions; second position graded W2.
14	W5	HHD, MP Bn (CID)	S2/S3 Section	311A0	CID Ops Officer	
15		HHD, MP Group (CID)	S3 Section	311A0	CID Ops Officer	

Notes:

<sup>1</sup> All MOS 311A positions must be approved by the Cdr, USACIDC before authorization.

**Table 8-311A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	311A0	CID Special Agent	
2		USACIDC	Hq Operations	311A0	Staff Off	AERS position.
3		USAMPS	DAMPT	311A8	Instructor	
4		MP Det(CID)	Res Agcy/Fld Ofc/Dist	311A0	CID Special Agent	
5		USACIDC	Region	311AK	Polygraph Examiner	
6		MP Det	MP Liaison Team	311A0	CID Special Agent	ARNG.
7		DOD Poly Institute	Poly Inst Div	311AK	Polygraph Examiner	AERS position. Subsequent position graded W4.
8		Cmd/USAISA	Hq/PSU	311A0	Pers Scty Officer	
9		USACIDC	BO	311A0	Agent in Charge	Position may be coded with ASI 9E.
10		USAISA	FIU	311A0	CID Specialist Agent	Position may be coded with ASI 9E.
11		SHAPE	SACEUR	311A0	Pers Scty Officer	
12		EUCOM	CINCEUR	311A0	Pers Scty Officer	
13	W3	USAMPS	DOT	311A8	Instructor	
14		FORSCOM	J3	311A0	Counter Drug Ln	
15		USAISA	FIU	311A0	Team Chief	Position may be coded with ASI 9E.
16		USAISA	PSU	311A0	Team Chief	
17		USAISA	Cmd Grp/FIU	311A0	Staff Officer	AERS position.
18		USACIDC	Region	311AK	Polygraph Examiner	AERS position.
19		Hq USACIDC	Manpower/Forces Br	311A0	Staff Off (Pers Prop)	AERS position.
20		Hq USACIDC	Intelligence Div	311A0	Staff Off (Crim Anal)	
21		Hq USACIDC	Operations Div	311A0	Staff Off (Instal EC)	Position may be coded with ASI 9E.
22		Hq USACIDC	Intelligence Div	311A0	Staff Off (Intel)	
23		Hq USACIDC	Ofc of IG	311A0	Staff Off (Tech IG)	
24		DOD Poly Institute	Inst Div	311AK	Polygraph Examiner	
25		USAISA	PSU	311A0	Staff Off (Sec Army)	
26		MP Det (CID)	Resident Agency	311A0	Agent in Charge	Position may be coded with ASI 9E.
27		USACIDC	Region	311A0	Agent in Charge	
28		USACIL	Documents Div	311A0	Document Examiner	
29		USACIDC	Resident Agency	311A0	CID Special Agent	
30	W4	SHAPE	SACEUR	311A0	Agent in Charge	
31		USAMPS	DQA POI Mgt Br	311A0	WO Tng Dev Off	
32		Hq USACIDC	Accred Division	311A0	CID Accred Officer	

**Table 8-311A-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
33		AFIP	Operations Div	311A0	Law Enforcement Invest	
34		USAISA	FIU	311A0	CID Operations Officer	Position may be coded with ASI 9E.
35		USACIDC	Regions	311AK	Polygraph Examiner	AERS position.
36		USACIL	Documents Div	311A0	Document Examiner	
37		USACIL	Firearms/Toolmark Div	311A0	Firearms/Toolmark Exam	Second position graded W3.
38		USACIL	Serology Div	311A0	Forensic Chemist	AERS position.
39		USACIL	Latent Print Div	311A0	Print Examiner	Second position graded W3.
40		USACIL	Imaging Div	311A0	Forensic Photo Exam	Second position graded W3.
41		Region Hq (CID)	S3 Sec	311A0	Staff Officer	Second and third positions graded W3.
42		Hq USACIDC	Plans/Policy Div	311A0	Staff Officer (Policy)	Position may be coded with ASI 9E.
43		Hq USACIDC	Operations Div	311A0	Staff Officer (Persons)	AERS position.
44		Hq USACIDC	Operations Div	311A0	Staff Officer (Fraud)	Position may be coded with ASI 9E.
45		Hq USACIDC	Operations Div	311A0	Staff Officer (Prop)	AERS position.
46		Hq USACIDC	Operations Div	311A0	Staff Officer (LOGSEC)	
47		Hq USACIDC	Operations Div	311A0	Staff Officer (Drugs)	
48		USACIDC	District/Field/Region Office	311A0	CID Ops Officer	Position may be coded with ASI 9E.
49		USACRC	Polygraph Div	311AK	Staff Officer (Poly)	Second position also graded CW3.
50		USACIDC	Regions	311A0	Agent in Charge	Position may be coded with SQI K.
51		USAMPS	Invest Br	311A0	Chief, Phy Evidence	Position may be coded with SQI 8.
52		USAMPS	Invest Br	311A0	Chief, Testimony Evid	Position may be coded with SQI 8.
53		USAMPS	POI Mgt Br	311A0	WO Tng Dev	
54		USAMPS	Econ/Comp Cr	311A0	Instructor	
55		USAMPS	Counter Drug Br	311A0	Chief, Counter Drug Br	Position may be coded with SQI 8.
56	W5	Hq USACIDC	Dep Cdr Ofc	311A0	Federal Ln Off	
57		Hq USACIDC	Office of IG	311A0	Tech IG Inspector	
58		Hq USACIDC	Plans/Policy Div	311A0	Chief Policy Division	AERS position.
59		TRADOC	Leader Dev Div	311A0	Op/Tng Staff Officer	
60		USAMPS	DAMPT	311A0	CID Course Manager	Position may be coded with SQI 8.
61		PERSCOM	WO Assignment Division	311A0	Pers Mgt Officer	
62		USAISA	PSU	311A0	Sp Agent in Charge	

Notes:

<sup>1</sup> All MOS 311A positions must be approved by the Cdr, USACIDC before authorization.

**Table 8-350B-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or Teams	350B0	All Source Intel Tech	
2	W3	EAC Intel Ctr	All Source Prod Sec	350B0	All Source Intel Tech	Two positions.
3		EAC Intel Ctr	All Source Prod Tm	350B0	All Source Intel Tech	Two positions.
4		EAC Intel Ctr Aug Tm Prod Sec	Prod Sec Tm	350B0	All Source Intel Tech	Two positions.
5		EAC, MI Bn Ops	Intel Prod Sec	350B0	All Source Intel Tech	Two positions.
6		CMISE	CMISE, Analysis & Ops Sec	350B0	All Source Intel Tech	
7		Corps LRS Co	Ops Sec	350B0	All Source Intel Tech	Two positions. May be used with SQI 7.
8		Corps Ops Co	All Source Prod Sec	350B0	All Source Intel Tech	Two positions.
9		All Divisions HHC and SOAR	All Source Prod Sec	350B0	All Source Intel Tech	Two positions. May be used with SQI 7.

**Table 8-350B-1  
Standards of grade TOE/MTOE—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
10		All Divisions HH Ops Co, MI Bn	Tgt Nomin Tm	350B0	All Source Intel Tech	Two positions. May be used with SQI 7.
11		HHC, Mech Inf Div	ASPS/Intel Cell/Main	350B0	All Source Intel Tech	Two positions.
12		HHC, Mech Inf Div	DTOC All Source Prod Sec	350B0	All Source Intel Tech	Two positions.
13		HHC, Inf Ranger Regt and/or Sp Ops Avn Regt	S2, and/or S2/3/TOC	350B0	All Source Intel Tech	Two positions. May be used with SQI 7.
14		Ops Co, Ops Bn, MI Bde, Abn	All Source Prod Sec	350B0	All Source Intel Tech	Two positions. May be used with SQI 7.
15		Ops-Analysis Co, MI Bn TE	Ops Spt Sec	350B0	All Source Intel Tech	Two positions. May be used with SQI 7.
16		MI Co, Intrgn/Expl, EPW	Ops Sec	350B0	All Source Intel Tech	Two positions.
17		HQB, ADCOM TA	Intel Analysis Sec	350B0	All Source Intel Tech	Four positions.
18	W4	HHC, Army Hq	G2 Sec	350B0	All Source Intel Tech	
19		Hq HHC USAREUR	WP Ops Sec	350B0	All Source Intel Tech	
20		EAC Intel Ctr Tm AE, Prod Sec	Prod Tm	350B0	All Source Intel Tech	Four positions.
21		All EAC Intel Ctr	BDA Tm	350B0	All Source Intel Tech	
22		EAC Intel Ctr	All Source Prod Sec	350B0	All Source Intel Tech	Two positions.
23		EAC Intel Ctr	All Source Prod Tm	350B0	All Source Intel Tech	Two positions.
24		EAC MI Bn Ops	All Source Prod Sec	350B0	All Source Intel Tech	Two positions.
25		All Corps TOC Spt Co	All Source Prod Sec	350B0	All Source Intel Tech	Two positions. May be used with SQI 7.
26		All Division HH Ops Co, MI Bn	All Source Prod Tm	350B0	All Source Intel Tech	Two positions. May be used with SQI 7.
27		MI Co, JSTARS	All Source Prod Sec	350B0	All Source Intel Tech	Two positions.
28		Ops Co, Ops Bn, MI Bde, Corps	All Source Prod Sec	350B0	All Source Intel Tech	Two positions. May be used with SQI 7.
29		HHC, MI Bn AASLT, Abn, LID	All Source Prod Sec	350B0	All Source Intel Tech	Two positions.
30		Strat MI Det	All Source Prod Sec	350B0	All Source Intel Tech	Two positions.
31		MI Ctr	All Source Prod Sec	350B0	All Source Intel Tech	Two positions.
32		Intrgn/Expl Co	Ops Sec Tm	350B0	All Source Intel Tech	
33		TASOSC	Intel Prod Sec	350B0	All Source Intel Tech	
34		Corps Analysis & Con Co, MI Bn Ops	Coll & Mgt Sec, and/or All Source Prod Sec	350B0	All Source Intel Tech	Two positions.
35		MI Co, Coll	Ops Sec	350B0	All Source Intel Tech	
36	W5	HHC USAREUR	Prod Div	350B0	All Source Intel Tech	

**Table 8-350B-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	350B0	All Source Intel Tech	
2	W3	USA ITAC	Africa/Mid East Br	350B0	All Source Intel Tech	
3		USAG	G2 Sec (Fort Polk)	350B0	All Source Intel Tech	
4		USA Elm, Cmb Fld Army, CFCK	G2 Sec	350B0	All Source Intel Tech	
5		USA Spt (Outside DOD)	Immgr/Nzn Svc Div/Br	350B0	All Source Intel Tech	
6		USA Elm, All Unified and Specified Cmds	All Geographical Area Brs	350B0	All Source Intel Tech	
7		USA Btl Cmd Tng Prog	Intel Prod Sec & Con Br	350B0	All Source Intel Tech	
8		USA Btl Cmd Tng Prog	World Class OPF	350B0	All Source Intel Tech	
9		Hq USA, Japan	Intel Div	350B0	All Source Intel Tech	
10		USAICS	ASAS Prod Br	350B0	All Source Intel Tech	
11		USAICS	CI CM Br	350B0	All Source Intel Tech	
12		USAICS	Tac Cmte	350B8	Instructor	
13		USAICS	Co, AIT/IET Sec	30B08	Instructor	
14		USA Elm, US Sp Ops Cmd	Sp Spt Br	350B0	All Source Intel Tech	
15		STARC/DARC/TARC	All Dir and/or Div for Scty	350B0	All Source Intel Tech	Second position graded W2.
16		EAC Intel Ctr Ops	Analysis & Prod Sec	350B0	All Source Intel Tech	
17		USA Elm, JTF	MAIN Analysis Gp	350B0	All Source Intel Tech	
18	W4	USA Elm, ITAC	Asia Br	350B0	All Source Intel Tech	
19		USA Elm, JICS	Mil Spt Br	350B0	All Source Intel Tech	
20		USAICS	Threat Ofc (DCD)	350B0	All Source Intel Tech	
21		USAR Cmd Spt Gp	Tng Div	350B0	All Source Intel Tech	
22		CEWI Ops, Corps	All Source Prod Sec	350B0	All Source Intel Tech	
23		USA Elm, CENTCOM	Sp Ops Intel Div	350B0	All Source Intel Tech	May be used with SQI 7.

**Table 8-350B-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
24		USA Elm, Sp Ops Cmd, USARPAC	Intel Div/J2	350B0	All Source Intel Tech	May be used with SQI 7.
25		USA Elm, SPACECOM	ARCCC-Ops Ctr	350B0	All Source Intel Tech	
26		USA Elm, All Unified and Specified Cmds	Data Base Prod Sec	350B0	All Source Intel Tech	
27		USA Elm, EUC JT Intel Ctr	Middle East Br	350B0	All Source Intel Tech	
28		USA Btl Cmd Tng	Obsvr Prog Sec	350B0	All Source Intel Tech	
29		USA Btl Cmd Tng	World Class OPF	350B0	All Source Intel Tech	
30		USA SOF JT Intel Ctr	Geographical Region	350B0	All Source Intel Tech	Second position graded W3.
31		USA Avn Ctr & Sch	Threat Spt Br	350B8	Instructor	AERS position.
32		USA Avn Ctr	S2/S3 Sec, USAG	350B8	Instructor	
33		USA DIA	JT Intel Ctr	350B0	All Source Intel Tech	
34		USA Intel Tng Ctr	Dept Off Crs (WOTS)	350B8	Instructor	
35		USAR ITAADS	Army Intel Tng (Camp/Post)	350B0	All Source Intel Tech	
36		USAR DT Tm Aug	Intel Br	350B0	All Source Intel Tech	
37		USA Elm Hq, SPACECOM STRAT	Tgt Sel Br	350B0	All Source Intel Tech	AERS position.
38	W5	USA Elm, CENTCOM	AFRICA/ME (Data base Prod Div)	350B0	Sr ASI Tech	AERS position.
39		USA Elm, USARPAC	Rgn JIC (Data Base Prod Div)	350B0	Sr ASI Tech	
40		USA Elm, ATLANCOM	Rgn JIC (Data Base Prod Div)	350B0	Sr ASI Tech	
41		USA Elm, SOUTHCOM	Rgn JIC (Data Base Prod Div)	350B0	Sr ASI Tech	
42		USA Elm, EUCOM	Rgn JIC (Data Base Prod Div)	350B0	Sr ASI Tech	
43		USAICS	Tng Dev Br (SWOTS)	350B0	Sr WO Crs Mgr	AERS position. Position may be coded with SQI 8.
44		USAICS	Threat Div	350B8	Instructor	AERS position.
45		Army Hq	Dept, Off Crs	350B8	Instructor	USAR.
46		EAC MI Bn	Intel EW Sec	350B0	Tm Leader	
47		USARC/ARCOM/RSC	Intel Div	350B0	Sr ASI Tech	USAR.

**Table 8-350D-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	350D0	Imagery Intel Tech	
2	W3	EAC Intel Ctr	IMINT Team	350D0	Imagery Intel Tech	
3		EAC Intel Ctr, Aug Tm, IM-INT Tm	IMINT Team	350D0	Imagery Intel Tech	
4		Ops Co, Ops Bn, MI Bde, Abn	Ops/Imag Expl Sec	350D0	Imagery Intel Tech	Two positions. May be used with SQI 7.
5		EAC MI Bn, Ops	Imag Analysis Sec	350D0	Imagery Intel Tech	Three positions.
6		EAC MI Bn, Ops	CTOC JSTARS GSM Tm	350D0	Imagery Intel Tech	
7		EAC MI Co JSTARS	Imag Analysis Sec	350D0	Imagery Intel Tech	Two positions.
8		Corps MI Bn, Ops	Imag Analysis Sec	350D0	Imagery Intel Tech	Three positions. May be used with SQI 7.
9		Corps Tac Spt Co	Imag Analysis Sec	350D0	Imagery Intel Tech	
10		Corps Intel Spt	Imag Analysis Sec	350D0	Imagery Intel Tech	Two positions.
11		Corps TOC Spt Co	Imag Analysis Tm	350D0	Imagery Intel Tech	Two positions.
12		MI Bn, Aerial Exploit	Imag Analysis Sec	350D0	Imagery Intel Tech	
13		Strat Imag Analysis Co	Expl Sec	350D0	Imagery Intel Tech	Two positions.
14		Strat Imag Analysis Det	Expl Sec	350D0	Imagery Intel Tech	
15		Analysis & Con Co	Imag Analysis Sec	350D0	Imagery Intel Tech	Two positions.
16		Avn Co AS MIB	Imag Intel Sec	350D0	Imagery Intel Tech	Two positions.
17		Air Recon, UAV	Ops Sec	350D0	Imagery Intel Tech	
18	W4	Tech Anal & Proc Co, Abn	Ops/Imag Expl Sec	350D0	Imagery Intel Tech	Two positions. May be used with SQI 7.
19		EAC Intel Ctr	Coll Mgt & Dissem Sec	350D0	Imagery Intel Tech	Two positions.
20		EAC MI Co JSTARS	Imag Analysis Sec	350D0	Imagery Intel Tech	Two positions.
21		Corps Ops Co	Imag Analysis Sec	350D0	Imagery Intel Tech	
22		EAC MI Bn, Ops	Imag Analysis Sec	350D0	Imagery Intel Tech	Three positions.
23		Strat Imagery Analysis Co	MIES Sec	350D0 9A	DSIATP Tech	Two positions.
24		Strat Imagery Analysis Co	MIES Sec	350D0	Imagery Intel Tech	Two positions.
25	W5	EAC Intel Ctr	Imag Analysis Sec	350D0	Sr Imagery Intel Tech	

**Table 8-350D-1  
Standards of grade TOE/MTOE—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
26		EAC MI Bn, Ops	Imag Analysis Sec	350D0	Sr Ops Supv	
27		EAC MI Co JSTARS	Imag Analysis Sec	350D0	Sr Imagery Intel Tech	
28		Air Recon Co	Msn Planning Sec	350D0	Sr Imagery Intel Tech	Two positions.

**Table 8-350D-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	350D0	Imagery Intel Tech	
2	W3	USAICS	UAV, Flt Plt Hq Sec	350D0	Imagery Intel Tech	
3		USAICS	IMINT Br, DCD	350D0	Imagery Intel Tech	
4		USAICS	Ops Tng Sec, Sch Spt	350D0	Imagery Intel Tech	
5		USAICS	Co, AIT/IET Sec	350D8	Instructor	
6		USAICS	Co, UAV Sec	350D8	Instructor	
7		USAICS	Co, JSTARS Sec	350D8	Instructor	
8		USA Spt Acty, Saudi Arabia	Imagery Analysis Sec	350D0	Imagery Intel Tech	
9		USA Foreign Sci Tech Ctr	Prog Analysis Sec	350D0 9A	DSIATP Tech	
10		USA Elm, DIA	Prior Exploits Div	350D0 9A	DSIATP Tech	
11		USA Elm, DIA	Geographical Area Divs.	350D0 9A	DSIATP Tech	
12		USA Elm, DIA	Regional Analysis Ctr	350D0 9A	DSIATP Tech	
13		USA Elm, DIA	Cmd Ops Spt Div	350D0 9A	DSIATP Tech	
14		All MI Bn	ISE Sec	350D0	Imagery Intel Tech	
15		All MI Bn	Msn Plans Sec	350D0	Imagery Intel Tech	
16		All MI Bn	JSTARS IGSM Tm	350D0	Imagery Intel Tech	
17		All MI Bn	IMINT Tm	350D0	Imagery Intel Tech	
18	W4	USAICS	DCD	350D0	Imagery Intel Tech	
19		USA SOF IC	Analysis Ctr.	350D0	Imagery Intel Tech	
20		USA Foreign Sci Tech Ctr	Prog Analysis Sec	350D0 9A	DSIATP Tech	
21		USA Foreign Sci Tech Ctr	FSB Br	350D0 9A	DSIATP Tech	
22		USA Elm, DIA	Prior Exploits Div	350D0 9A	DSIATP Tech	
23		USA Elm, DIA	Geographical Area Divs.	350D0 9A	DSIATP Tech	
24		USA Elm, DIA	Regional Analysis Ctr	350D0 9A	DSIATP Tech	
25		USA Elm, DIA	JT Intel Ctrs	350D0 9A	DSIATP Tech	
26		USA Elm, DIA	All Cmg Ops Spt Div	350D0 9A	Imagery Intel Tech	
27		ARCOM/RSC/RSG	Training Sec	350D0	Imagery Intel Tech	
28		All MI Bn	IMINT Tm	350D0	Imagery Intel Tech	
29		All MI Bn	MIC (State)	350D0	Imagery Intel Tech	
30	W5	USAICS	Nat'l Sys Br	350D8	Instructor	
31		USAICS	CI Cmte (MI Tng Bde)	350D8	Instructor	
32		USAICS	Air Br, DCD	350D0	Imagery Intel Tech	
33		USA Foreign Sci Tech Ctr	FSB Br	350D0 9A	Sr DSIATP Tech.	

**Table 8-350L-1  
Standards of grade TOE/MTOE**

Line#	Grade	Unit Description	Section Description	MOS Code	Position Description	Remarks
<i>No Action Required</i>						

**Table 8-350L-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	350L0	Attache Tech	
2		USA Elm, Def Attache Sys, World Wide Asgmts	Def Attache Ofc	350L0	Attache Tech	
3	W3	USA Elm, DIA	Attache Tng Sec	350L8	Instructor	
4		USA Elm, Def Attache Sys, World Wide Asgmts	Def Attache Ofc	350L0	Attache Tech	
5	W4	USA Elm, Def Attache Sys, World Wide Asgmts	Def Attache Ofc	350L0	Attache Tech	

**Table 8-350L-2**  
**Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
6		USA Elm, DIA	Attache Tng Sec	350L8	Instructor	
7		USA Elm, DIA	IG Ofc	350L0	Ch Inspector	
8	W5	USA Elm, DIA	Sys Mgt Stf Ofc	350L0	Attache Tech	
9		USA Fld Spt Ctr	Army Attache Mgt Div	350L0	Ch Attache Tech	

**Table 8-351B-1**  
**Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All MI units	All sections and/or teams	351B0	CI Tech	
2	W3	All MI units	S2 Sec	351B0	CI Tech	May be used with SQL 7.
3		EAC MI Bn, Intergn/Expl	S3 Sec	351B0	CI Tech	
4		MI Co, DS, AASLT, Abn, LID	CI Team	351B0	CI Tech	
5		MI Co, ACR	CI Team	351B0	Team Leader	
6		MI Co, CEWI, Hvy Sep Bde	CI Team	351B0	Team Leader	
7		Ops Co, Ops Bn MI Bde	CI Analysis/OPSEC Spt Sec	351B0	CI Tech	Two positions.
8		Ops-Analysis Co, MI Bn, TE, TEB	Ops Spt Sec	351B0	CI Tech	
9		All CI-Intergn Co, MI Bn, TE, TEB, Corps	Corps CI Ops Sec	351B0	CI Tech	May be used with SQL 7.
10		All CI-Intergn Co, MI Bn, TE, TEB, Corps	Corps IPW Ops Sec	351B0	CI Tech	Two positions. May be used with SQL 7.
11		All CI Co, MI Bn TE, TEB, Corps	CI Ops Mgt Tm	351B0	Team leader	May be used with SQL 7.
12		Intel & Survl Co, MI Bn, LID	CI Ops Sec	351B0	CI Tech	
13		Corps TOC Spt	CI Analysis Sec	351B0	CI Tech	
14		CI Co, MI Bn, TE, Corps	CI Ops Mgt Team	351B0	CI Tech	
15		All units	Polygraph Team	351BK	Polygraph Examiner	
16		All Analysis & Con Co	HUMINT/CI Tm	351B0	CI Tech	
17		MI Bn	HUMINT Tm	351B0 9N	Strat Debrf/Intgr	
18		All MI Co	CI Sp Ops Team	351B0	Team leader	
19		HHC, AASLT, Hvy, and Mech Inf Div	OPSEC Mgt/CRNT Ops/Mnt	351B0	CI Tech	
20		All HHC, Div	DTOC OPSEC/CI Analysis Sec	351B0	CI Tech	May be used with SQL 7.
21		US Army Hq	CI Sec	351B0	CI Tech	
22	W4	Ops Co, Ops Bn, MI Bde, Abn	Coll Mgt-Dissem Sec	351B0	CI Tech	May be used with SQL 7.
23		CI Co, TE, TEB, Corps, Abn	CI Ops Sec	351B0	CI Tech	May be used with SQL 7.
24		MI Co Aug	CI Team	351B0	CI Tech	
25		EAC CI Analysis Ctr	Coll and Analysis Sec	351B0	CI Tech	
26		EAC Intel Ctr	CI Team	351B0	CI Tech	
27		EAC MI Bn, Intergn/Expl	S3 Sec	351B0	CI Tech	
28		All MI Co, CI	Ops Sec	351B0	CI Tech	
29	W5	CI Co, TEB, MI Bde Corps	CI Ops Sec	351B0	Sr CI Tech	May be used with SQL 7.
30		HH Svc Co, MI Bn, Linguist	S2 Sec	351B0	Sr CI Tech	
31		HHC, Corps Spt Cmd	ACofS, G2 Sec	351B0	Sr CI Tech	May be used with SQL 7.

**Table 8-351B-2**  
**Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	351B0	CI Tech	
2		USA Fld Spt Acty	Ops Br (Div 1)	351B0	CI Tech	Four positions.
3		USA Fld Spt Acty	Ops Br (Div 2)	351B0	CI Tech	Five positions.
4		USA Fld Spt	S3 Ops Br	351B0	CI Tech	Five positions.
5	W3	USA DIA	Ofc Fld Spt Stf Sec	351B0	CI Tech	
6		USA Elm, Wash Hq Svc	Phys Scty Div	351B0	CI Tech	
7		USA WO Career Ctr	Br	351B8	Instructor	
8		USAICS	Explt Cmte	351B8	Instructor	Six positions.
9		USA Sp Scty Gp	CISD	351B0	CI Tech	
10		USA Fld Spt	Ops Br (Div 1)	351B0	CI Tech	
11		USA Fld Spt	Ops Br (Div 2)	351B0	CI Tech	
12		USA Fld Spt	S3 Ops Br	351B0	CI Tech	
13		USA INSCOM Msn Spt	ITRADS	351B0	CI Tech	Two positions.
14		USA Equip Eval Acty	Intel Equip Div	351B0	CI Tech	Five positions.
15		USA OSIA	Geographical Area Loc	351B0	CI Tech	
16		USA Hq Commo & Elect Cmd	VHF FO	351B0	CI Tech	
17		USA Readiness Tng Ctr, CAC	CI/Scty Sec	351B0	CI Tech	
18		JTF US Elm, JT Acty	Geographical Area State Loc	351B0	CI Tech	
19		EAC Intel Ctr	Correlation Cell	351B0	CI Tech	
20		EAC MI Gp CI	Threat Assess Br	351B0	CI Tech	
21		All MI Bn	SCO	351B0	CI Tech	
22		All MI Bn	DIATB	351B0	CI Tech	Position may be coded with SQI 7.
23		All MI Det	Tng Sec	351B0	CI Tech	
24		All MI Det, Def Nuc Agcy	TF Geographical Area (City/State)	351B0	CI Tech	
25		CI SS Spt	Geographical Area Loc	351B0	CI Tech	Three positions.
26	W4	USAICS	CI Cmte (MI Tng Bde)	351B8	Instructor	
27		USA DIA	Ofc Scty Div	351B0	CI Tech	
28		USA DIA	Ofc Fld Ops Stf	351B0	CI Tech	
29		USA Fld Spt Acty	Ops Br (Div 1)	351B0	CI Tech	First position.
30		USA Fld Spt Acty	Ops Br (Div 2)	351B0	CI Tech	First position.
31		USA Fld Spt Acty	Ops Br (Div 3)	351B0	CI Tech	
32		USA Commo & Elect Cmd	VHF FO Sec	351B0	CI Tech	
33		USA Sp Ops Cmd	Cntr Meas Div	351B0	CI Tech	
34		USA Sp Scty Gp	POST MI Det	351B0	CI Tech	
35		USA Sp Scty Gp	Site Based Accred Sec	351B0	CI Tech	
36		USA Sp Scty Gp	OSD Tm	351B0	CI Tech	
37		USA Sp Scty Gp	DIS LNO Elm	351B0	CI Tech	
38		USA Sp Scty Gp	CISD	351B0	CI Tech	
39		PERSCOM	Asgn Br	351B0	CI Tech	
40		EAC MI Gp CI	Threat Assess	351B0	CI Tech	
41		All MI Bn Coll	Sp Ops Tm	351B0	CI Tech	
42		All MI Bn	Comp CE Sec	351B0	CI Tech	
43		All MI Bn	CI SS Spt	351B0	CI Tech	
44		All MI Det, Def Nuc Agcy	TF Geographical Loc (City/ State)	351B0	CI Tech	
45		All MI Det	Ops Sec	351B0	CI Tech	
46		USA Troop Cmd, USFK	Sp Scty Ofc	351B0	CI Tech	
47		CI SS Spt	Geographical Loc	351B0	CI Tech	Eight positions.
48		USARC/ARCOM/RSC/ RSG	Intel Div	351B0	CI Tech	
49		USAR DT Tm Aug	Intel Br	351B0	CI Tech	
50		STARC/DARC/TARC	All Dir/Trp Cmd	351B0	CI Tech	Second position graded W2.
51	W5	USA Fld Spt Ctr	S3 Ops Br	351B0	Sr CI Tech	
52		USA Sp Scty Gp	Co/FAC Accred Br	351B0	Sr CI Tech	
53		USA Elm, CENTCOM	CI/Terrorism Dir	351B0	Sr CI Tech	
54		USA FORSCOM, Hq	Sp Scty Elm	351B0	Sr CI Tech	
55		PERSCOM	Career Mgt WO Div	351B0	Sr Career Mgr	
56		Hq, USAREUR	CI Br	351B0	Sr CI Tech	
57		USA PACOM	Scty/CI Div	351B0	SR CI Tech	
58		Hq, EUSA	CI Br	351B0	Sr CI Tech	
59		USAICS	OCMI	351B0	Sr Prof Dev Mgr	See note.

Notes:

Branch Specific/MOS Immaterial. May be filled by warrant officer holding any Military Intelligence Branch MOS.

**Table 8-351C-1**  
**Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS Code	Position description	Remarks
1	W2	All units and/or HUMINT teams	All sections and/or HUMINT teams	351C0	Area Intel Tech	

**Table 8-351C-2**  
**Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	351C0	Area Intel Tech	
2	W3	USA Fld Spt Ctr	Security Div	351C0	Area Intel Tech	
3		USA Fld Spt Ctr	Operations Div	351C0	Area Intel Tech	
4		USA Fld Spt Ctr	Plans Div	351C0	Area Intel Tech	
5		Defense Activities	All sections and/or teams	351C0	Area Intel Tech	
6		USA Spt (Outside DOD)	DEA Geographical Loc	351C0	Area Intel Tech	One position per location.
7		USA Spt (Outside DOD)	Immgr and Nzn Svc Div/Br	351C0	Area Intel Tech	Three positions.
8		USA Equip Eval Acty	Intel Equip Div	351C0	Area Intel Tech	Two positions.
9		USA JTF, Joint Acty	Geographical Loc State Tm	351C0	Area Intel Tech	
10	W4	USA Fld Spt Ctr	Operations Div	351C0	Area Intel Tech	
11		USA Fld Spt Ctr	Plans Div	351C0	Area Intel Tech	
12		Defense Activities	Inspection Div	351C0	Area Intel Tech	All positions.
13		Defense Activities	Operations Div	351C0	Area Intel Tech	
14		Defense Activities	Instruction Div	351C8	Instructor	First position. Subsequent positions graded W3.
15		Defense Activities	All sections and/or teams	351C0	Area Intel Tech	
16		USA Spt (Outside DOD)	DEA Geographical Loc	351C0	Area Intel Tech	
17	W5	USA Fld Spt Ctr	Operations Div	351C0	Sr Area Intel Tech	
18		Defense Activities	Ops/Plans Dir	351C0	Sr Area Intel Tech	Two positions.

**Table 8-351E-1**  
**Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	351E0	HUMINT Tech	
2	W3	EAC MI Bn, Ops	Operations Sec	351E0	HUMINT Tech	
3		All Corps Intergrn Co, MI Bn, TE, TEB	IPW Ops Sec	351E0	HUMINT Tech	May be used with SQI 7.
4		Ops-Anal Co, MI Bn, TE	Ops Spt Sec	351E0	HUMINT Tech	May be used with SQI 7.
5		All Corps CI-Intergrn Co, MI Bn, TE	Ops/Proc Sec	351E0	HUMINT Tech	May be used with SQI 7.
6		Intergrn Co, TEB, Corps, Abn	Ops/Proc Sec	351E0	HUMINT Tech	Two positions. May be used with SQI 7.
7		MI Co, DS, MI Bn	CI Team	351E0	HUMINT Tech	
8		MI Co, EPW Intergrn/Expl	S3 and/or Ops Sec	351E0	HUMINT Tech	
9		MI Co, ACR	Interrogation Team	351E0	HUMINT Tech	
10		MI Co, Coll	Ops Sec	351E0	HUMINT Tech	
11	W4	CI-Intel Co, TEB, Corps	Corps IPW Ops Sec	351E0	HUMINT Tech	Two positions.
12		Intergrn Co, TE, TEB, Corps, Abn	Ops/Proc Sec	351E0	HUMINT Tech	Two positions. May be used with SQI 7.
13		Intergrn Co, TE, TEB	Document Expl Sec	351E0	HUMINT Tech	Four positions. May be used with SQI 7.
14		All CI-Intergrn Co, MI Bn, TE, TEB	Document Expl Sec	351E0	HUMINT Tech	May be used with SQI 7.
15		MI Co, GS, MI Bn AASLT, Abn	Document Expl Tm	351E0	HUMINT Tech	May be used with SQI 7.
16		HHD, MI Bde	HUMINT Team	351E0	Team leader	
17		HHD, MI Bde	Intgrn & Exploit Sec	351E0 9N	Strat Debrf/Intgr	
18	W5	EAC MI Bn, MI BDE	S3 Sec, HUMINT Ops	351E0	Sr HUMINT Tech	
19		EAC MI Gp	S3 and/or Ops Sec	351E0	Sr HUMINT Tech	
20		MI Bn, Corps	S3 Sec, HUMINT Ops	351E0	Sr HUMINT Tech	

**Table 8-351E-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	351E0	HUMINT Tech	
2	W3	USAICS	Tech Con Sec	351E8	Instructor	
3		USA Fld Spt Ctr	Ops Br (Div 1)	351E0	HUMINT Tech	Two positions. Subsequent positions graded W2.
4		USA Fld Spt Ctr	Ops Br (Div 2)	351E0	HUMINT Tech	Three positions. Subsequent positions graded W2.
5		USA Fld Spt Ctr	Ops Br (Div 3)	351E0	HUMINT Tech	Subsequent positions graded W2.
6		USA Fld Spt Ctr	Ops Br (Div 4)	351E0	HUMINT Tech	Five positions. Subsequent positions graded W2.
7		USA Fld Spt Ctr	S3 Ops Br	351E0	HUMINT Tech	Three positions. Subsequent positions graded W2.
8		EAC MI Bde Coll	Intg/Expl Sec Geographical Loc	351E0 9N	Section Leader	
9		EAC MI Bde Coll	Coll & Explt Doc Explt Ctr Geographical Loc	351E0	HUMINT Tech	
10		EAC MI Bde	Svc Spt Acty Geographical Loc	351E0 9N	STRAT Debfr/Intgr	
11		All MI Gp	S3 and/or Ops Sec Geographical Loc	351E0	HUMINT Tech	
12		All MI Co, GS	Doc Explt Tm	351E0	Section Leader	
13	W4	USAICS	CI Cmte, MI Tng Bde	351E8	Instructor	
14		USA Fld Spt Ctr	Ops Br (Div 2)	351E0	HUMINT Tech	
15		USA Fld Spt Ctr	Ops Br (Div 3)	351E0	HUMINT Tech	
16		USA Elm, CENTCOM	CI/Terrorism Br	351E0	HUMINT Tech	
17		USAR Hq, ITAADS	Dept, Lang Inst (Camp/Post)	351E8	Instructor	
18	W5	HQDA, ACS Intel	ODCSI, Intgr Dir	351E0	Sr Lang Prog Mgr	See note.
19		USA Fld Spt Ctr	S3 Ops Br	351E0	Sr HUMINT Tech	
20		USAICS	Strat Debrf Sec	351E8 9N	Instructor	
21		USAICS	Expl Cmty Sec	351E8	Instructor	AERS position.

Notes:

Branch Specific/MOS Specific. May be filled by warrant officer holding Military Intelligence Branch MOS 351E (Human Intelligence Collection Technician) and/or 352G (Voice Intercept Technician).

**Table 8-352C-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	352C0	SIGINT Analyst Tech	
2	W3	Ops Bn, MI Bde, Abn	All Source Prod Sec	352C0	SIGINT Analyst Tech	May be used with SQI 7.
3		All Corps TOC Spt Co	All Source Prod Sec	352C0	SIGINT Analyst Tech	May be used with SQI 7.
4		Analysis & Con Co, MI Bn, Ops, Corps	All Source Prod Sec	352C0	SIGINT Analyst Tech	
5		All HH Ops Co and/or HH Svc Co, MI Bn of a Div	Operations Sec	352C0	SIGINT Analyst Tech	May be used with SQI 7.
6		CI-Intgrn Co, TE, TEB, Corps Abn	Ops/Proc and Doc Explt Sec	352C0	SIGINT Analyst Tech	May be used with SQI 7.
7		Ops Bn, MI Bde Corps	Traffic Analysis Tm	352C0	SIGINT Analyst Tech	
8		All HH Ops Co, MI Bn, of a Div	SIGINT Tm	352C0	SIGINT Analyst Tech	
9		Ops Co, Ops Bn, MI Bde, Abn	SIGINT Rept Sec	352C0	SIGINT Analyst Tech	May be used with SQI 7.
10		EAC Intel Ctr	SIGINT Team	352C0	SIGINT Analyst Tech	
11		All Corps Tech Analysis & Proc Co, MI Bn, Ops	TCAE/SIGINT Msn Mgt Sec	352C0	SIGINT Analyst Tech	May be used with SQI 7.
12		MI Co SIGINT Sep-EAC	TCAE Hq Sec	352C0	SIGINT Analyst Tech	
13		Host Nation Spt Tm	HN Spt Tm	352C0	SIGINT Analyst Tech	
14		All divisions	DTOC CM/D Sec	352C0	SIGINT Analyst Tech	May be used with SQI 7.
15		All divisions	CM/D Sec Intel/Main	352C0	SIGINT Analyst Tech	May be used with SQI 7.
16		All divisions	ASPS/Intel Cell/Main	352C0	SIGINT Analyst Tech	May be used with SQI 7.

**Table 8-352C-1**  
Standards of grade TOE/MTOE—Continued

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
17	W4	Ops Bn, MI Bde, Corps	SIGINT Intergrn Rep Tm	352C0	SIGINT Analyst Tech	May be used with SQL 7.
18		Analysis & Con MI Bn, Ops, Corps	SIGINT Intergrn/Rept Sec	352C0	SIGINT Analyst Tech	
19	All MI Bn	SIGINT Lang Anlys Tm	352C0	SIGINT Analyst Tech		
20	Ops Co, Ops Bn, MI Bde, Abn	Coll Mgt-Dissem Sec	352C0	SIGINT Analyst Tech		
21	EAC Intel Ctr	Coll Mgt-Dissem Sec	352C0 9C	TENCAP Ops Tech		
22	EAC Intel Ctr, Aug Tm, CM&D	Coll Mgt-Dissem Sec	352C0 9C	TENCAP Ops Tech		
23	Avn Co, AS, EW, MI Bn	Coll Mgt and/or Analysis Rept Sec	352C0	SIGINT Analyst Tech		
24	MI Co, SIGINT Sep-EAC	Coll Mgt/Analysis Plt Hq Sec	352C0	SIGINT Analyst Tech		
25	MI Co, SIGINT, EAC	Coll Mgt/Analysis Plt Hq Sec	352C0	SIGINT Analyst Tech		
26	MI Coll Mgt & Diss Tm	Coll Mgt & Spt Tm	352C0	SIGINT Analyst Tech		
27	ADCOM	G2 Sec	352C0	SIGINT Analyst Tech		

**Table 8-352C-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	352C0	SIGINT Analyst Tech	Subsequent position graded W2.
2	W3	AAESA	JPO/TI Ofc	352CZ	RDTE Technician	
3		USA Fld Spt Ctr	Ops Br (Div 1-4)	352C0	SIGINT Analyst Tech	
4	USA Fld Spt Ctr	S3 Ops Br	352C0	SIGINT Analyst Tech		
5	USA Army Studies/Analysis	Intel Div	352CZ	RDTE Technician		
6	USA Elm DIA	JT Intel Ctr	352C0	SIGINT Analyst Tech		
7	USA Fld Elm Korea	Geographical Camp Loc	352C0	SIGINT Analyst Tech		
8	USA Fld Elm, JT Acty	Kunia	352C0	SIGINT Analyst Tech		
9	USAICS	Tech Con Sec	352C0	SIGINT Analyst Tech		
10	USAICS	Ops Br	352C0	SIGINT Analyst Tech		
11	EAC MI Bde	ATCAE A and B Sec	352C0	SIGINT Analyst Tech		
12	EAC MI Bde	TFC Analysis Sec	352C0	SIGINT Analyst Tech		
13	EAC MI Bde	Det (UTAH)	352C0	SIGINT Analyst Tech		
14	EAC MI Bde	Det OCMC	352C0	SIGINT Analyst Tech		
15	EAC MI Bde	Ops & Plans Sec	352C0	SIGINT Analyst Tech		
16	EAC MI Bde	RPD 4	352C0	SIGINT Analyst Tech		
17	EAC MI Bn	TFC Analysis Sec	352C0	SIGINT Analyst Tech		
18	W4	AAESA	Tech Mgt Div	352CZ	RDTE Technician	
19		USA Intel Scty Cmd, Europe	Crypto Spt Sec	352C0	SIGINT Analyst Tech	
20	USA DIA	SIGINT Analysis Sec	352C0	SIGINT Analyst Tech		
21	USA SOCOM	All Source Prod Sec	352C0	SIGINT Analyst Tech		
22	USA CAC	Threat Div	352C0	SIGINT Analyst Tech		
23	USAICS	TROJAN Plt Hq Sec	352C0	Platoon Leader		
24	USAICS	Tech Assess Sec	352C0	SIGINT Analyst Tech		
25	USAICS	Tac Sys Br	352C0	SIGINT Analyst Tech		
26	USAICS	CI Cmte, MI Tng Bde	352C0	SIGINT Analyst Tech		
27	EAC MI Bde	Analysis Rept Sec	352C0	SIGINT Analyst Tech		
28	EAC MI Bde	Geographical Loc				
29	EAC MI Bde	ATCAE B	352C0	SIGINT Analyst Tech		
30	W5	SPARC Ops Sec	352C0	SIGINT Analyst Tech		
31		USAICS	USA Tng Dept (MI Tng Bde)	352C8	Instructor	
32	USAICS	Tac Cmte, DCD	352C0	Sr SI Analyst Tech		
33	EAC MI Bde	ATCAE Hq Sec	352C0	Sr SI Analyst Tech		
34	EAC MI Bde	Ops Mgt Sec	352C0	Sr SI Analyst Tech		
35	EAC MI Bde	ATCAE Ops Sec	352C0	Sr SI Analyst Tech		

**Table 8-352D-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and or teams	352D0	EL/Ident Tech	

**Table 8-352D-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	352D0	EL/Ident Tech	
2	W3	USA OPTEC	Elct Btlfd Tech Sec	352D0	Test Off	
3		MI Bn	NSA Aug Sec	352D0	EL/Ident Tech	
4	W5	USAICS	Adv Morse Tng Sec (MI Tng Bde)	352D8	Instructor	

**Table 8-352G-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	352G0	Voice Intercept Tech	
2	W3	EAC MI Co, Con & Proc	TCAE Hq Sec	352G0	Voice Intercept Tech	
3		EAC MI Bn, SIGINT Coll	Operations Sec	352G0	Voice Intercept Tech	
4		EAC MI TCAE Co	Tech Con Analysis Elm Hq Sec	352G0	Voice Intercept Tech	
5		EAC MI Co Cont & Proc	AHFEWS Control Sec	352G0	Voice Intercept Tech	
6		All Corps Ops Co, Ops Bn, MI Bde	Mission Control Sec	352G0	Voice Intercept Tech	May be used with SQI 7.
7		All Corps Avn Co, EW, MI Bn	Collection Sec	352G0	Voice Intercept Tech	May be used with SQI 7.
8		All Corps Tech Analysis & Proc Co, MI Bn, Ops	TCAE/SIGINT Msn Mgt Sec	352G0	Voice Intercept Tech	May be used with SQI 7.
9		MI Tm	TAREX Elm Hq Sec	352G0	Voice Intercept Tech	
10	W4	EAC HHC MI Bde and/or HHC MI GP	SCIF Ops Sec	352G0	Voice Intercept Tech	
11		EAC Avn Co, AS, EW, MI Bn	IEW Coll Sec	352G0	Voice Intercept Tech	
12		Avn Co, EW, MI Bn	Coll & Analysis-EW	352G0	Voice Intercept Tech	
13		MI Co	SIGINT Lang Ops Tm	352G0	Voice Intercept Tech	
14		USAREUR & 7th Army Hq	Intel Team	352G0	Voice Intercept Tech	

**Table 8-352G-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	352G0	Voice Intercept Tech	
2	W3	USAICS	EBD Voice Cmte	352G8	Instructor	
3		EAC MI Bde	E&P 1/2 Sec	352G0	Voice Intercept Tech	
4	W4	USA INSCOM, Msn Spt	Lang Br	352G0	Voice Intercept Tech	
5		USA Elm, Hq DLI	Prog & Prop Ofc	352G0	Lang Prop Off	
6		USA Fld Hq, Int'l Mil Hq	Camp Geographical Loc	352G0	Voice Intercept Tech	
7		EAC MI Bde	F Gp	352G0	Voice Intercept Tech	
8	W5	USAICS	Army Tng Dept	352G8	Instructor	
9		USA INSCOM, Msn Spt	Tng Dept	352G0	Sr Voice Intcp Tech	
10		EAC MI Bde	B Gp	352G0	Sr Voice Intcp Tech	

**Table 8-352H-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	352H0	Morse Intercept Tech	
2	W3	All Corps Ops Co, Ops Bn, MI Bde	Mission Control Sec	352H0	Morse Intercept Tech	May be used with SQI 7.

**Table 8-352H-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	352H0	Morse Intercept Tech	
2	W3	USA Ofc of Mil Spt	Ops Tm 1	352H0	Morse Intercept Tech	
3		USA Fld Elm, JT Acty	KUNIA	352H0	Morse Intercept Tech	
4		EAC MI Bde	Req Mgt Sec	352H0	Morse Intercept Tech	
5		EAC MI Bde	Tech Dev Sec	352H0	Morse Intercept Tech	
6		MI Bn	Dir of Ops	352H0	Morse Intercept Tech	
7	W4	USA INSCOM Msn Spt Cmd	Force Mod Acty ITRADS Sec	352H0	SIGINT Sys Analyst	
8		USA Ofc of Mil Spt	Ops Div	352H0	Morse Intercept Tech	
9		EAC MI Bde	Morse Coll Sec	352H0	Morse Intercept Tech	
10		EAC MI Bde	ATCAE Spt Sec	352H0	Morse Intercept Tech	
11		EAC MI Bde	ATCAE Sup Sec	352H0	Morse Intercept Tech	
12		MI Bn	ORMA Br	352H0	Morse Intercept Tech	
13	W5	USAICS	Adv Morse Dept	352H0	Sr Morse Intcp Adv	

**Table 8-352J-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	352J0	Emanations Anlys Tech	
2	W3	All Corps TOC Spt Co	All Source Prod Sec	352J0	Emanations Anlys Tech	May be used with SQI 7.
3		Ops Bn, MI Bde, Corps	All Source Prod Sec	352J0	Emanations Anlys Tech	May be used with SQI 7.
4		Avn Co, AS, MI Bn	Elint Processing Sec	352J0	Emanations Anlys Tech	
5		HHB, ADCOM, TA	Intel Analysis Sec	352J0	Emanations Anlys Tech	
6		All Divisions	ASPS/Intel Cell/Main	352J0	Emanations Anlys Tech	May be used with SQI 7.
7	W4	All Corps TOC Spt Co	ETUT Sec	352J0	Emanations Anlys Tech	
8		Analysis & Con Co	ETUT Sec	352J0	Emanations Anlys Tech	
9		ETUT Team	ETUT Team	352J0	Emanations Anlys Tech	
10		Analysis & Con Co	Elint Analysis Sec	352J0	Emanations Anlys Tech	
11		Tech Analysis & Prod Co, Abn	Elint Proc & Dissem Sec	352J0	Emanations Anlys Tech	May be used with SQI 7.
12		EAC ELINT Analysis Tm	ELINT Proc & Dissem Sec	352J0	Emanations Anlys Tech	

**Table 8-352J-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	352J0	Emanations Anlys Tech	
2	W3	USA INSCOM, Msn Spt	Tech Svc Div	352J0	Emanations Anlys Tech	
3		USAICS	BCBL Sec	352J0	Emanations Anlys Tech	
4		USAICS	Space Div	352J0	Emanations Anlys Tech	
5		EAC MI Bde	C/Plans (Any Numbered Sec)	352J0 9C	TENCAP Ops Tech	
6		EAC MI Bde	Proc & Coll Sec	352J0	Emanations Anlys Tech	
7		EAC MI Bde	Det OCMC	352J0	Emanations Anlys Tech	
8		EAC MI Bde	RPD 4	352J0	Emanations Anlys Tech	
9	W4	USAICS	Tac Sys Br	352J0	Emanations Anlys Tech	
10		USA Elm JT Euro Cmd	Order of Btl Div	352J0	Emanations Anlys Tech	
11		STARC/DARC/TARC	Plans Ops and Tng Sec	352J0	Emanations Anlys Tech	ARNG.
12		EAC MI Bde	ATCAE Ops ELINT	352J0	Emanations Anlys Tech	
13		EAC MI Bde	C&Plans 2/3/4 Sec	352J0	Emanations Anlys Tech	

**Table 8-352J-2**  
Standards of grade TDA—Continued

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
14	W5	USAICS	MI Tng Bde	352J0	Sr Em Anlys Tech	

**Table 8-352K-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	352K0	Non-Morse Intcp Tech	

**Table 8-352K-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	352K0	Non-Morse Intcp Tech	
2	W3	US Army Studies & Analysis Acty	Plans Div	352KZ	RDTE Tech	
3	W4	EAC MI Bde	Non-Morse Coll Br	352K0	Non-Morse Intcp Tech	
4		EAC MI Bde	Force Intergn Div	352K0	Non-Morse Intcp Tech	
5		EAC MI Bde	Gp Sec (Any ALPHA designation)	352K0 9C	TENCAP Ops Tech	
6		EAC MI Bde	G Gp	352K0	Non-Morse Intcp Tech	
7		EAC MI Bde	K Gp	352K0	Non-Morse Intcp Tech	
8	W5	USAICS	Nat'l Sys Br, MI Tng Bde	352K8	Instructor	

**Table 8-353A-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	353A0	IEW Maint Off	
2	W3	EAC HHC, MI Bde	EW/I Sys Maint Sec	353A0	IEW Equip Tech	
3		All Corps HH Svc Co, MI Ops Bn	C-E/IEW Maint Sec	353A0	Maint Off	May be used with SQI 7.
4		All Corps EW Co, ECM, or COLL MI Bn, TEB	Spt Maint Plt Hq Sec	353A0	Maint Off	May be used with SQI 7.
5		Avn Co, AS, MI Bn	AS Maint Sec	353A0	IEW Maint Off	
6		Lt Equip Maint Co	IEW Maint Sec	353A0	IEW Maint Off	
7		Gp Spt Maint Co	IEW Maint Sec	353A0	IEW Maint Off	
8		Maint Co, GS	IEW Maint Sec	353A0	IEW Maint Off	
9	W4	EAC and SEP-EAC MI Co, Sig Intel	C-E/EW Maint Sec	353A0	Maint Off	
10		SIB MI Co	C-E/IEW Maint Sec	353A0	Maint Off	
11		MI Co, Tech Intel	C-E Maint Plt Hq Sec	353A0	Maint Off	
12		C-E Analysis Tm	CE-EW Maint Sec	353A0	Maint Off	
13		SIGINT/EW Equip Rep Tm	Repair Sec	353A0	IM Rep Tech	
14		TI C-E Analysis Tm	TI C-E Analysis Sec	353A0	Maint Off	

**Table 8-353A-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections and/or teams	353A0	IEW Maint Off	
2	W3	USAICS	Maint Sec	353A0	IEW Maint Off	
3		USAICS	Indiv & Coll Sec	353A0	IEW Maint Off	
4		USA Commo and Elect Cmd	Fld Spt Br	353A0	IEW Maint Off	
5		MI Bn	DITB Unit	353A0	IEW Maint Off	
6	W4	USA Fld Hq UNC/CFCK	Camp Maint Geographical Loc	353A0	IEW Maint Off	
7		USAICS	Tac Sys Br	353A0	Tng Dev Tech	

**Table 8-353A-2**  
Standards of grade TDA—Continued

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
8		USAICS	Maint Tng Sec	353A8	Instructor	
9	W5	USAICS	Adv Tng Div, MI Tng Bde	353A8	Instructor	

**Table 8-420A-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	420A0	Mil Pers Tech	
2		Pers Svc Co	Pers Rclds Div	420A0	C, Rclds Div	Second position also graded W2.
3		Pers Svc Co	Pers Acts Div	420A0	C, Acts Div	
4		Pers Svc Co	Pers Mgt Div	420A0	C, Mgt Div	
5		Pers Svc Bn	Det Hq	420A0	Mil Pers Tech	
6		HHC, Abn Units	Pers Rclds Div	420A0	C, Rclds Div	May be coded with SQI 7.
7		HHC, Abn Units	Pers Acts Div	420A0	C, Acts Div	May be coded with SQI 7.
8		HHC Seventh Army	Command	420A0	Mil Pers Tech	
9		PERSCOM, Type A	Pers Sys Auto Br	420A0	Chief	
10		HHC, Avn Bde	S1	420A0	Mil Pers Tech	
11		HHC, Atk Regt	S1	420A0	Mil Pers Tech	
12		HHC, GRREG Bn	Per Effect Depot Hq	420A0	Mil Pers Tech	
13		QM Mort Aff Co (EAC)	Per Effect Depot Plt	420A0	Mil Pers Tech	
14		HHC, Civil Aff Cmd (TA)/ Bde	G1	420A0	Mil Pers Tech	
15	W3	HHC Hvy Sep Bde (AR)	Pers Acctg Br	420A0	Mil Pers Tech	
16		HHC Sep Inf Bde	Pers Acctg Br	420A0	Mil Pers Tech	
17		HHT, ACR	Pers Acts Br	420A0	Mil Pers Tech	
18		HHC, Avn Regt (SOF)	S1	420A0	Mil Pers Tech	
19		HHC, Avn Gp/Corps	S1	420A0	Mil Pers Tech	
20		HHC Corps	Chief of Staff	420A0	Mil Pers Tech	
21		PERSCOM	Field Sys Br	420A0	Mil Pers Tech	
22		PERSCOM	Theater Acctg Br	420A0	Mil Pers Tech	
23		PERSCOM, Type B & C	Actions Br	420A0	Mil Pers Tech	
24		HHC TA Sig Cmd	Pers Acts Br	420A0	C, Pers Acts	
25		HHB ADCOM (TA)	G1/AG	420A0	Mil Pers Tech	
26	W4	PERSCOM, Type C	Off Pers Mgt Div	420A0	C, Pers Mgt	Second position.
27		HHC, Div	Str Acctg & Mgt	420A0	Mil Pers Tech	May be coded with SQI 7.
28	W5	PERSCOM	Off Per Mgt Div	420A0	C, Off Mgt	First position.
29		Pers Gp	Staff Acts Sec	420A0	Mil Pers Tech	May be coded with SQI 7.

**Table 8-420A-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	420A0	Mil Pers Tech	
2		USA CID Hq	MILPERS Br	420A0	Mil Pers Tech	
3		USA Spt Outside DOD Act	DEA	420A0	Tech Coord	
4		USA CAC Ft Leavenworth	Pers Svc Br	420A0	C, Pers Svc Br	
5		USAEC Ft Leonard	Pers Svc Div	420A0	Mil Pers Tech	
6		8th Pers Cmd	PERMAS Tm	420A0	Tm Chief	
7		8th Pers Cmd	Pers Svc Bn	420A0	Mil Pers Tech	
8		USAG Alaska	Pers Ops Br	420A0	Mil Pers Tech	
9		USAG Alaska	Pers Svc Br	420A0	Mil Pers Tech	
10		USAG Ft Bragg	Str Mgt Br	420A0	Mil Pers Tech	
11		USAG Ft Drum	Mil Pers Div	420A0	Mil Pers Tech	
12		USAG Ft Lee	Pers Svc Br	420A0	Mil Pers Tech	
13		USAG Ft Meade	Pers Svc Br	420A0	Mil Pers Tech	
14		USAG Ft Sam Houston	Pers Svc Br	420A0	Mil Pers Tech	
15		USAG Ft Sam Houston	Pers Str Mgt Br	420A0	Mil Pers Tech	
16		USAG Vint Hill Farms	Mil Pers Div	420A0	Mil Pers Tech	
17		USA TC Ctr Ft Eustis	Pers Svc Br	420A0	Pers Rclds Off	
18		USAARMC Ft Knox	Str Mgt Br	420A0	C, Str Mgt Br	
19		USAARMC Ft Knox	Pers Svc Br	420A0	Mil Pers Tech	

**Table 8-420A-2**  
**Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
20		USA Inf Ctr Ft Benning	Str Mgt Div	420A0	Pers Mgt Tech	Two positions.
21		USA Inf Ctr Ft Benning	Stu/Trne Proc Br	420A0	Mil Pers Tech	
22		USA Inf Sch Ft Benning	Acad Rec Br	420A0	Mil Pers Tech	
23		USA Tng Ctr Ft Jackson	Pers Str Mgt	420A0	Mil Pers Tech	
24		USA Tng Ctr Ft Jackson	Pers Op Br	420A0	Mil Pers Tech	
25		USA FA Ctr Ft Sill	Enl Mgt Br	420A0	Mil Pers Tech	
26		USA FA Ctr Ft Sill	Pers Proc Br	420A0	Mil Pers Tech	
27		USA ADA Ft Bliss	Str Mgt Div	420A0	Mil Pers Tech	
28		USA ADA Ft Bliss	Trne/Stu Proc Br	420A0	Mil Pers Tech	
29		USATC Ft Dix	Mil Pers Div	420A0	Mil Pers Tech	
30		Hq SHAPE USA Elm ACE	Ofc of SACEUR	420A0	Mil Pers Tech	
31		Hq SHAPE USA Elm ACE	Pers Svc Ctr	420A0	C, Pers Svc Ctr	
32		USA Spt Cmd Hawaii	Pers Svc Br	420A0	Mil Pers Tech	
33		USA Spt Cmd Hawaii	Pers Ops Br	420A0	Mil Pers Tech	
34		Hq Bn USA Cml & MP Ctr	Pers Proc Br	420A0	Mil Pers Tech	
35		Hq Bn USA Cml & MP Ctr	Pers Str Mgt Br	420A0	Mil Pers Tech	
36		Hq Bn USA Cml & MP Ctr	Pers Ops Br	420A0	Mil Pers Tech	
37		Hq Bn USA Cml & MP Ctr	Trne/Stu Proc Br	420A0	Mil Pers Tech	
38		Natl Tng Ctr Ft Irwin	Pers Str Mgt Br	420A0	C, PSMG	
39		Natl Tng Ctr Ft Irwin	Pers Proc Br	420A0	C, PPB	
40		HHC 7th Army Tng Cmd	Pers Act Div	420A0	Mil Pers Tech	
41		Hq TRADOC	Mil Pers Div	420A0	Mil Pers Tech	
42		USAR F/T Spt 121st AR-COM	3d PERSCOM	420A0	Mil Pers Tech	
43		USAR Tech Gp	Any Sec/Div	420A0	Mil Pers Tech	USAR.
44		HHC, 5th Corps	Str Mgt Div	420A0	Mil Pers Tech	
45		HHC, 5th Corps	Pers Acts Div	420A0	Mil Pers Tech	
46	W3	Ofc of the Chief of Staff	Exec Acts Div	420A0	Mil Pers Tech	
47		USAR Garrison & Tng Exercise MA	Any Sec/Div	420A0	Mil Pers Tech	USAR.
48		DCS Logistics Pentagon	Admin Exec Div	420A0	Mil Pers Tech	
49		Ofc ASA Map/Res Aff	Ofc ASA M/R RA	420A0	Mil Pers Tech	
50		USA Elm OJCS Ofc	Admin Spt Br	420A0	Mil Pers Tech	
51		USA Elm CENTAG	Pers Svc Ctr	420A0	C, Pers Svc Ctr	
52		Hq AFCENT Europe	Mil Pers Sec Ctr	420A0	Mil Pers Tech	
53		USA SETAF 5th TA	Str Mgt Br	420A0	Mil Pers Tech	
54		Hq AFSOUTH Europe	Mil Pers Svc Ctr	420A0	C, Mil Pers Svc Ctr	
55		7th Army Hq	IG	420A0	Mil Pers Tech	
56		USA Elm ALFSEE	Mil Pers Svc Ctr	420A0	C, Mil Pers Svc Ctr	
57		USA Elm U.S. TC Cmd	Jt Pers Div	420A0	Mil Pers Off	
58		4th Tng Bde	Ofc of Dir	420A0	Mil Pers Tech	May be coded with SQI 8.
59		USA Soldier Spt Inst	Ofc Pro Dev	420A8	Instructor	Three positions.
60		USA Rctg Cmd	WO Rctg Tm	420A0	WO Rctg	
61		PERSCOM	Off Prom Pol/Sp Bds	420A0	Mil Pers Tech	
62		USA Wash Hq Svc Elm	Mil Pers Div	420A0	Mil Pers Tech	
63		Sec Assist Tng Tm	CONUS	420A0	Mil Pers Tech	
64		USA Jt Sys Cont Act	Pers/Admin Sys Gp	420A0	Mil Pers Tech	Four positions.
65		USA Elm EUCOM Sp Scty	Pers Mgt Br (Army)	420A0	Mil Pers Tech	
66		Army Spec Ops Cmd	Ofc of SGS	420A0	Mil Pers Tech	May be coded with SQI 7.
67		USA SRI Agency	SRIA	420A0	Mil Pers Tech	
68		Pentagon Mgt Review	Mgt Review Ofc	420A0	Mil Pers Tech	
69		USA Acq Mgt Spt Agc	Pers Mgt Div	420A0	Mil Pers Tech	
70		USA Field Spt Ft Meade	Attache PSC	420A0	Mil Pers Tech	
71	W4	USAAVNC Ft Rucker	CS/CSS Div	420A8	Instructor	
72		Ofc Admin Asst Sec	Pers Safety Scty	420A0	Mil Pers Off	
73		White House Comm Agcy	Pers & Admin Div	420A0	Mil Pers Tech	
74		USA Elm USMTM Saudi	Pers/Admin Dir	420A0	Mil Pers Tech	
75		USA Elm MNF Sinai	Rear Det	420A0	Mil Pers Tech	
76		USA Soldier Spt Inst	Evaluation Br	420A0	C, PERMAS Tm	
77		Hq SHAPE USA Elm ACE	DCSPER	420A0	C, Str Mgt Br	
78		Hq SHAPE USA Elm ACE	ACE liaison	420A0	Liaison Off	
79		USA Elm US South Cmd	Mil Pers Div	420A0	C, Pers Ln Spt	
80		PERSCOM	Data Admin Br	420A0	Mil Pers Tech	
81		PERSCOM	Pers Acts Br	420A0	Mil Pers Tech	
82		USAE Hq CENTCOM	Army/AF Pers Br	420A0	C, PSC	
83		Hq USA FORSCOM	Plans & Opns Br	420A0	Pers Stf Off	
84		USA CAC & Ft Leavenworth	Ldr Dev Off	420A0	Ldr Dev Act Off	
85		USA Sec Asst Tng Fld Agc	Sec Asst Tms	420A0	Mil Pers Tech	
86		USA IG Agency	Insp Br	420A0	Mil Pers Tech	
87		USA War College	Issue Coord Dir	420A0	Mil Pers Tech	
88		USAREC Hq	WO Recruiting Tm	420A0	C, WO Rctg	

**Table 8-420A-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
89		21st Thr Area Cmd (Aug)	Pers Acts Br	420A0	Mil Pers Tech	
90		USAR Tng Activity	Any Sec/Div	420A0	Mil Pers Tech	USAR.
91		USARC/ARCOM/RSC/ RSG	Any Sec/Div	420A0	Mil Pers Tech	USAR.
92		USAR Tech Gp	Any Sec/Div	420A0	Mil Pers Tech	USAR.
93		USAR Full Time Spt	Any Sec/Div	420A0	Mil Pers Tech	USAR.
94		USA Reserve Pers Ctr	Any Sec/Div	420A0	Mil Pers Tech	USAR.
95		STARC/DARC/TARC & equiv	All directorates	420A0	Mil Pers Tech	ARNG. Second position graded W3. Subsequent positions graded W2.
96		STARC/DARC/TARC	SIDPERS	420A0	MPT/Br Chief	ARNG.
97		STARC/DARC/TARC	Pers Svc Br	420A0	MPT/Br Chief	ARNG.
98		Avn Cls Rep Actvy	Any Sec/Br	420A0	Mil Pers Tech	ARNG. Second position W3, others W2.
99		NJ High Tech Ctr	Admin Br	420A0	Mil Pers Tech	ARNG.
100		East/West ARNG	Any Sec/Br	420A0	Mil Pers Tech	ARNG. Second position W3, others W2.
101		MI Group	Pers Admin	420A0	Mil Pers Tech	ARNG.
102		Data Proc Unit	Command	420A0	Mil Pers Tech	ARNG.
103		Marksmanship Tng	Finance	420A0	Mil Pers Tech	ARNG. Second position W3, others W2.
104		Instal Spt Unit	Any Sec/Div	420A0	Mil Pers Tech	ARNG. Second position W3, others W2.
105		NGB USA Elm	MPD/Enl Br	420A0	Mil Pers Tech	ARNG.
106		NGB USA Elm	MPD/AGR Util Br	420A0	Mil Pers Tech	ARNG.
107		ARNG Readiness Ctr	O&TD/ATRS Ops	420A0	Mil Pers Tech	ARNG.
108		ARNG Readiness Ctr	Pers Directorate	420A0	Pers Mgt Tech	ARNG.
109		ARNG Readiness Ctr	Pers Directorate	420A0	MPT/MEPS LNO	ARNG.
110		ARNG Readiness Ctr	Info Sys Directorate	420A0	Pers Admin Tech	ARNG.
111		ARNG Readiness Ctr	CNGB ESO/PGMS	420A0	C, CNGB ESO/PGMS	ARNG.
112	W5	USA Soldier Spt Inst	Doc & Prop Div	420A0	Prop Off	
113		PERSCOM	Assignment Br	420A0	Pers Mgt Off	AERS position. See note.
114		Hq USA FORSCOM	Enl Br	420A0	Pers Stf Off	Subsequent positions graded W3.
115		Hq TRADOC	Ldr Dev Div	420A0	Pers Mgt Off	
116		STARC/DARC/TARC	Dir Pers/P&A Br	420A0	Mil Pers Tech	ARNG. Second position W4, third W3.
117		ARNG Readiness Ctr	Off Mgt Br	420A0	Pers Mgt Tech	ARNG.
118		ARNG Readiness Ctr	Force Dev Directorate	420A0	Mil Pers Tech	ARNG.
119		USA Reserve Pers Ctr	Ofc of Cdr	420A0	Mil Pers Tech	USAR.
120		USARC/ARCOM/RSC	DCSPER	420A0	Mil Pers Tech	USAR. Subsequent positions graded W4.

Notes:

Branch Specific/MOS Nonspecific. May be filled by warrant officer holding any Adjutant General Branch MOS.

**Table 8-420C-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	Div and Army Bands	Band Hq	420C0	Commander	Except as noted in lines 3 through 8 and 11 through 13.
2	W3	U.S. Military Academy Band	Band Hq	420C0	Associate Bandmaster	
3		36th Army Band	Band Hq	420C0	Commander	MTOE.
4		56th Army Band	Band Hq	420C0	Commander	MTOE.
5		76th Army Band	Band Hq	420C0	Commander	MTOE.
6		79th Army Band	Band Hq	420C0	Commander	MTOE.
7		392d Army Band	Band Hq	420C0	Commander	MTOE.
8		434th Army Band	Band Hq	420C0	Commander	MTOE.
9	W4	U.S. Army Band (Pers-ings Own)	Band Hq	420C0	Associate Bandmaster	
10		U.S. Army Field Band	Band Hq	420C0	Associate Bandmaster	
11		323d Army Band	Band Hq	420C0	Commander	MTOE.
12		8th Army Band	Band Hq	420C0	Commander	MTOE.
13		296th Army Band	Band Hq	420C0	Commander	MTOE.

**Table 8-420C-2**  
**Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	420C0	Commander	
2	W3	Old Guard F&D Corps	Band Hq	420C0	Commander	
3		USA Elm School of Music (SOM)	Tng Div	420C0	Chief	
4	W4	STARC/DARC/TARC	Band Cord	420C0	Bandmaster	ARNG.
5	W5	USA Soldier Institute	CDPD	420C0	Bandmaster	
6		USA Elm SOM	Prog Mgt	420C0	Chief	

**Table 8-550A-1**  
**Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All HHC ASG/ Bde/ Corp Spt Cmd/Regt and below	SJA or Admin Sections	550A0	Legal Administrator	
2		HHC, 1st Cav Div	Staff Judge Adv Sec	550A0	Legal Administrator	MTOE.
3		HHC, 2nd Arm Div	Staff Judge Adv Sec	550A0	Legal Administrator	MTOE.
4		HHC, 2nd Inf Div	Staff Judge Adv Sec	550A0	Legal Administrator	MTOE.
5		HHC, Abn Div	Staff Judge Adv Sec	550A0	Legal Administrator	MTOE. May be coded with SQI 7.
6	W3	HHC Div	Staff Judge Adv Sec	550A0	Legal Administrator	May be coded with SQI 7. Except units listed in lines 2-5.
7		HHC, 8th U.S. Army	Staff Judge Adv Sec	550A0	Legal Administrator	
8		HHC, IX Corps	Staff Judge Advocate	550A0	Legal Administrator	MTOE.
9		Legal Spt Organization	Staff Judge Adv Sec	550A0	Legal Administrator	USAR.
10	W4	HHC, Corps	Staff Judge Adv Sec	550A0	Legal Administrator	Except unit listed in line 8.
11	W5	HHC Seventh Army	JA	550A0	Legal Administrator	MTOE.

**Table 8-550A-2**  
**Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All Units	All Sections	550A0	Legal Administrator	
2		ARCOMS	Staff Judge Adv Sec	550A0	Legal Administrator	USAR.
3	W3	USA Military Academy	Staff Judge Adv Sec	550A0	Legal Administrator	
4		Hq, USAREUR & Seventh Army	Ofc of the Judge Adv	550A0	Legal Administrator	
5		USA Inf Ctr	Staff Judge Adv Sec	550A0	Legal Administrator	
6		USA Tng Ctr & Ft Jackson	Staff Judge Adv Sec	550A0	Legal Administrator	
7		USA Armor Ctr	Staff Judge Adv Sec	550A0	Legal Administrator	
8		USA Claims Svc Europe	Administration Sec	550A0	Legal Administrator	
9		ARCOMS	Staff Judge Adv Sec	550A0	Legal Administrator	USAR.
10		Regional Spt Gp	Staff Judge Adv Sec	550A0	Legal Administrator	USAR.
11	W4	Hq USA FORSCOM	Administration Ofc	550A0	Legal Administrator	
12		Hq, USA MDW	Administration Div	550A0	Legal Administrator	
13		USA Spec Opns Cmd	Staff Judge Adv Sec	550A0	Legal Administrator	
14		The Judge Adv General's Sch	Admin & Civil Law Div	550A0	Legal Administrator	
15		USA Claims Svc	Info Mgt Ofc	550A0	Legal Administrator	
16		USA Legal Svcs Agcy	LAAWS Proj Ofc	550A0	Legal Administrator	
17		USA Avn & Ft Rucker (WOCC)	Cmd Sec	550A0	Legal Administrator	
18		STARC/DARC/TARC	Any Dir	550A0	Legal Administrator	ARNG. One position only.
19		ARCOMS	Staff Judge Adv Sec	550A0	Legal Administrator	USAR.
20		Regional Spt Ctr	Staff Judge Adv Sec	550A0	Legal Administrator	USAR.
21	W5	Ofc of the Judge Adv General	Admin Ofc	550A0	Legal Administrator	
22		USA Legal Svcs Agcy	Admin Ofc	550A0	Legal Administrator	Second position graded W3.

**Table 8-550A-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
23		NGB	JAG Office (Jt Ofc)	550A0	Legal Administrator	ARNG.
24		Theater Army Logistic Cmds	Staff Judge Adv	550A0	Legal Administrator	USAR.

**Table 8-640A-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All Units	All Sections	640A0	Vet Svc Tech	MTOE position.
2		3rd In Bn	Caisson Plt	640A0	Plt Ldr/Vet Svc Tech	
3	W3	Med Det Vet Svc	Hq	640A0	Sr Vet Svc Tech	
4	W4	Med Det Vet Svc Hq	Vet Svc Hq	640A0	Cmd Vet Svc Tech	

**Table 8-640A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All Units	All Sections	640A0	Vet Svc Tech	
2		USA VETCOM	Dist Hq/Br/Sec	640A0	Vet Svc Tech	
3		USA MEDDAC Panama	Food Insp Br	640A0	Vet Svc Tech	
4		USA VETCOM	Memphis Br	640A0	Qual Assur Tech	
5		USA VETCOM	Op Rats Br	640A0	Qual Assur Tech	
6		100th Med Det (VS)	Det Hq North	640A0	Qual Assur Tech	
7		100th Med Det (VS)	Det Hq South	640A0	Qual Assur Tech	
8		Def Per Spt Ctr	Quality Assurance Div	640A0	Qual Assur Tech	
9		Def Comsy Agency	Northeast Reg Hq	640A0	Food Safety Off	
10		Def Comsy Agency	Southwest Reg Hq	640A0	Food Safety Off	
11		Def Per Spt Ctr	Quality Assurance Div	640A0	Food Safety Off	
12		AMEDD Center & Sch	Food Tech/Sanitation Br	640A8	Instr	
13	W3	USA VETCOM	Norfolk Br	640A0	Sr Vet Svc Tech	
14		USA VETCOM	Southern CA VSSD Hq	640A0	Sr Vet Svc Tech	
15		USA VETCOM	South Atlantic VSSD Hq	640A0	Sr Vet Svc Tech	
16		USA MEDDAC Japan	Dep Cdr For Vet Svc	640A0	Sr Vet Svc Tech	
17		USA VETCOM	Tracy Br	640A0	Sr Qual Assur Tech	AERS position.
18		USA VETCOM	Food Safety & QA Div	640A0	Sr Qual Assur Tech	AERS position.
19		Def Sub Reg Pacific	Ofc Quality Assurance	640A0	Sr Qual Assur Tech	AERS position.
20		Def Comsy Agency	Central Reg Hq	640A0	Sr Food Safety Off	AERS position.
21		Def Comsy Agency	European Reg Hq	640A0	Sr Food Safety Off	AERS position.
22		Def Comsy Agency	Northwest Reg Hq	640A0	Sr Food Safety Off	AERS position.
23		Natick R&D Center	Engineer Spt Br	640A0	Food Technologist	AERS position.
24	W4	USA VETCOM	Vet Svc Spt Area Hqs	640A0	Cmd Vet Svc Tech	AERS position.
25		Def Comsy Agency	Midwest Reg Hq	640A0	Qual Engineer	AERS position.
26		Def Per Spt Ctr	Quality Assurance Div	640A0	Qual Engineer	AERS position.
27		USA WOCC	Warrant Ofcr Trng Div	640A8	Instr	AERS position.
28	W5	USA VETCOM	Food Insp Spt Div	640A0	Master Vet Svc Tech	AERS position.
29		AMEDD Center & Sch	Food Tech/Sanitation Br	640A8	Instr	AERS position.

**Table 8-670A-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit Description	Section Description	MOS Code	Position Description	Remarks
1	W2	All Units	All Sections	670A0	Unit Maint Officer	
2		Evac, Sta, CS, Field Hosp or MASH	Maint or Sup & Svc Br	670A0	Unit Maint Officer	
3		TMMMC	Biomed Maint Mgt Div	670A0	Unit Maint Officer	Second position.
4		Dist Co, Med Log Bn (R)	Bio Med Maint Sec	670A0	Section Leader	
5	W3	Medical Det (Maint)	Det Hq	670A0	Commander	
6		General Hosp	Sup & Svc Div	670A0	Unit Maint Officer	
7		Hosp Center	Maint Div	670A0	Unit Maint Officer	
8	W4	Log Spt Co, Med Log Bn (Fwd)	Maint	670A0	Battalion Maint Off	
9		Log Spt Co, Med Log Bn (R)	Maint	670A0	Battalion Maint Off	
10		USA MEDCOM	DCSLOG	670A0	Cmd Maint Off	
11		TMMMC	Biomed Maint Mgt Div	670A0	Sr Maint Staff Off	First position.

**Table 8-670A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All Units	All Sections	670A0	HS Maint Tech	
2		All Units	Facility Proj Ofc	670A0	Project Officer	
3		USA Aeromed Ctr	Med Maint Br	670A0	C, Med Maint Br	
4		AMEDD C&S Board	AMEDD Test	670A0	Maint Eval Off	
5		AMEDD C&S	All Tng Br/Sec	670A8	Instr	All subsequent positions.
6		AMEDD C&S	Development Sec	670A0	C, Development Sec	
7		AMEDD C&S	Ops/RAM Br	670A0	Maint Staff Officer	
8		AMEDD C&S	Acad Spt Br	670A0	C, Acad Spt Br	Position may be coded SQL 8.
9		Health Fac Plng Br	Design & Dev	670A0	Maint Eval/Planner	
10		USAMMA	PDT & CFJ	670A0	Maint Staff Officer	
11		USA MEDCEN	Project Ofc	670A0	Project Off	
12		USA Brooke MED-CEN	Med Maint Br	670A0	HS Maint Tech	
13		USA MEDDAC	Med Maint Br	670A0	C, Med Maint Br	All except line 17. AERS position.
14		Elm Joint Health Ser Agcy	DMSB	670A0	HS Maint Tech	
15		Med Rsch Inst of Infect	Med Maint Br	670A0	C, Med Maint Br	
16		Cp Shelby MS Act	Dir Health Svc	670A0	HS Maint Tech	ARNG
17		ISU	Dir of Hlth Svcs	670A0	HS Maint Tech	ARNG
18	W3	USA MEDDAC	Med Maint Br	670A0	C, Med Maint Br	Fts Leonard Wood, Benning, Hood, Carson and Knox. AERS position.
19		USA MEDDAC	Fac Mgmt Br	670A0	C, Fac Mgmt Br	
20		USAMMA	Maint Dir	670A0	Maint Staff Officer	Third position. AERS position.
21		USAMMA	Mnt Eng Spt Br	670A0	Maint Staff Officer	AERS position.
22		USAMMA	Mnt Eng Spt Br	670A0	C, Eq & Mnt Eng Br	AERS position.
23		USAMMA	Maint Dir	670A0	Maint Staff Officer	Second position.
24		AMEDD C&S	Log Mgmt Br	670A8	Instr	AERS position.
25		AMEDD C&S	Tech Tng Sec	670A0	C, Tech Tng Sec	AERS position.
26		Ft Knox	Tng Gp	670A0	Health Svc Tech	
27		USA Gen Hosp	Svc & Sup Div	670A0	HS Maint Tech	USAR
28		Reg Tng Site Med	Maint Op Svc	670A8	Instr	AERS position.
29		USA Med R&D Cmd	Logistics Div	670A0	Cmd Med Maint Off	
30		USA MEDCEN	Prod Pln Cr	670A0	HSSA Maint Officer	
31		USA MEDCEN	Med Maint Br	670A0	C, Med Maint Br	Fitzsimmons and Beaumont
32		RTS-Med	Maint Sec	670A8	Instr	ARNG
33	W4	30th Med Bde	Log Br	670A0	Bde Maint Officer	
34		USA MEDCEN	DOL/LOG	670A0	C, Med Maint Br	
35		USA MEDCEN	Med Maint Br	670A0	C, Med Maint Br	Except line 30. See note.
36		USAMMA	Maint Dir	670A0	C, NMP	Second position. AERS position.
37		ARCOM	Hosp	670A0	HS Maint Tech	USAR
38		USA NG Op Act Cen	ARNG Surgeons Spt	670A0	HS Maint Tech	ARNG
39	W5	USAMMA	Maint Dir	670A0	Consultant/Career Mgr	First position. AERS position.
40		AMEDD C&S	Med Eq Rep Br	670A8	Instr	AERS position.
41		USA MEDCOM	Maint Br	670A0	C, Maint Br	AERS position.

**Table 8-670A-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
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Notes:  
<sup>1</sup> Walter Reed - All Med Maint Br positions graded cumulatively, one W4 and all subsequent positions graded W2.

**Table 8-880A-1  
Standards of grade TOE/MTOE**

Line#	Grade	Unit Description	Section Description	MOS Code	Position Description	Remarks
1	W2	Small Tug, Inland/Harbor	Small Tug Crew	880A1	Master	
2		Large Tug, Inland/Coastal	Small Tug Crew	880A2	First Mate	
3		Logistics Spt Vessel	Small Tug Crew	880A1	Second Mate	Two positions.
4		Liq Dry Cgo Vessel Sp	Small Tug Crew	880A1	Mate	Three positions.
5		Beach Discharge Lighter	Small Tug Crew	880A1	Mate	Three positions.
6		Floating Craft GS Mnt Co	LCU Crew	880A1	Master	
7	W3	Logistics Spt Vessel	Small Tug Crew	880A2	First Mate	
8		Trans Hvy Watercraft Co	Boat Platoons	880A2	Master	Two positions W3, others W2.
9		Composite Watercraft Co	Boat Platoons	880A2	Master	Two positions W3, others W2.
10		HHC, Trans Terminal Bn	Terminal Op Branch	880A2	Harbor Master	W4 when not assigned to Trans Gp.
11		Company Headquarters	Harbor Tug, 70 Ft.	880A2	Master	Two positions W3, others W2.
12	W4	Large Tug, Inland/Coastal	Small Tug Crew	880A2	Master	
13		Logistics Spt Vessel	Small Tug Crew	880A2	Master	
14		Liq Dry Cgo Vessel Sp	Small Tug Crew	880A2	Master	
15		Beach Discharge Lighter	Small Tug Crew	880A2	Master	
16		Company Headquarters	Harbor Tug, 100 Ft.	880A2	Master	First and second positions W4, second and third W3, others W2.
17	W5	HHC, Trans Terminal Gp	S2/S3 Section	880A2	Marine Ops Officer	AERS position.

**Table 8-880A-2  
Standards of grade TDA**

Line#	Grade	Unit Description	Section Description	MOS Code	Position Description	Remarks
1	W2	USAR Readiness Group	Transportation Sec	880A2	Assistor	
2		USA Reserve Storage Acty	Ofc of the Cdr	880A1	Vessel Ops Tech	
3		2d/6th USA Res Comp Spt	CSAT TC	880A2	Assistor	
4		USA Trans Ctr	Training Ship	880A1	Second Mate	
5		USA Trans Ctr	Training Ship	880A1	Third Mate	
6		USATSCH	Off/WO Tng Div	880A8	Instr/Wtr	Three positions.
7	W3	USA Trans Ctr	Training Ship	880A2	First Mate (Det XO)	
8		USATSCH	Off/WO Tng Div	880A8	Instr/Wtr	
9	W4	USA Ele US Trans Cmd	Trans Tml, Azores	880A0	Harbor Master	Three positions.
10		USA CASCOC	Combat Svc Spt Ofc	880A0	Sr Pers Prop Ofcr	
11		USA Trans Ctr	Training Ship	880A2	Master (Det Cdr)	
12		USATSCH	AA&A Ofc	880A2	Evaluation Tech	
13		USATSCH	MDSS Div	880A0	System Chief	
14		USATSCH	Off/WO Tng Div	880A8	Sr Instr/Wtr	
15		LARC	Det Hq	880A0	Det Commander	ARNG only.
16	W5	USATSCH	OCOT	880A0	Pers Prop Off	See note.
17		USATSCH	MSO	880A0	Chief MS Ofcr	See note.
18		USATSCH	Off/WO Tng Div	880A0	Chief, MRD	See note.
19		STARC/DARC/TARC	Harbor Master Tm	880AZ	Op Asst/Harbor Master	ARNG only. See note. One position per STARC/DARC/TARC.

Notes:  
<sup>1</sup> Branch specific/MOS nonspecific. May be filled by warrant officers holding any Transportation Branch MOS.

**Table 8-881A-1**  
**Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	881A0	Marine Engineering Officer	May be coded either SQI 1 or 2.
2		Large Tug, Inland/Coastal	Large Tug Crew (Ocean)	881A0	Asst Eng	May be coded with SQI 1 or 2. See either note 1 or 2.
3		Small Tug, Inland/Harbor	Small Tug Crew	881A0	Chief Engr	May be coded with SQI 1. See note 1.
4		Floating Craft Co	Floating Crane Crew	881A0	Chief Engr	May be coded with SQI 2. See note 2.
5		Crane Barge 100 Ton	Crane/Barge Crew	881A0	Chief Engr	May be coded with SQI 1. See note 1.
6		Trans Floating Craft GS Maint Co	LCU Crew/Barge Crew	881A0	Chief Engr	May be coded with SQI 2. See note 2.
7		Composite Watercraft Co	Unit Maint Sec	881A0	Maint Off	May be coded with SQI 2. See note 2.
8		Composite Watercraft Co	Heavy Boat Plt	881A0	Chief Engr	May be coded with SQI 1. Second and subsequent positions graded W2. See note 1.
9		Trans Med Watercraft Co	Marine Maint Br Maint Salvage Sec	881A0	Maint Off	May be coded with SQI 2. See note 2.
10		Logistics Support Vessel (LSV)	LSV Crew	881A0	Chief Engr	May be coded with SQI 1. Second position graded W2. See note 1.
11		Logistics Support Vessel (LSV)	LSV Crew	881A0	Asst Engr	May be coded with SQI 2. See note 2.
12		Lighter Amphibious, LARX LX	Maint Sec	881A0	Maint Off	May be coded with SQI 2. See note 2.
13	W3	HHC, Trans Terminal Bn	Marine Maint Br	881A0	Maint Off	May be coded SQI 2. See note 2.
14		Logistics Support Vessel	LSV Crew	881A0	Chief Engr	May be coded with SQI 2. See note 2.
15		Trans Heavy Watercraft Co	Boat Plt	881A0	Chief Engr	Second position W3. Subsequent positions graded W2. May be coded SQI with 2. See note 2.
16		Trans Heavy Watercraft Co	DS Maint Sec	881A0	Chief Engr	May be coded with SQI 2. See note 2.
17	W4	Composite Watercraft Co	Heavy Boat Plt	881A0	Chief Engr	May be coded with SQI 2. See note 2.
18		Composite Watercraft Co	DS Maint Sec	881A0	Marine Maint Off	May be coded with SQI 2. See note 2.
19		Logistics Support Vessel	LSV Crew	881A0	Chief Engr	May be coded with SQI 2. See note 2.
20		Large Tug, Inland/Coastal	Large Tug Crew (Ocean)	881A0	Chief Engr	May be coded with SQI 2. See note 2.
21		Trans Floating Craft GS Maint Co	Quality Control Sec/Machinery Repair Sec/Hull RprSec	881A0	Chief Engr	May be coded with SQI 2. See note 2.
22		Marine Rail Aug	Marine/Railway Br	881A0	Maint Off	May be coded with SQI 2. See note 2.
23		Floating Craft Co	Dive Sec	881A0	Diver	USAR only. May be coded with SQI 2. See note 2.
24	W5	Hq Trans Terminal Group/Trans Composite Gp	S4 Section	881A0	Marine Maint Off	May be coded with SQI 2. See note 2.

Notes:

1. Must be qualified with Class A1 vessel ArmyMarine License.
2. Must be qualified with Class A2 vessel ArmyMarine License.

**Table 8-881A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	881A0	Marine Eng Off	May be coded either SQI 1 or 2.
2		Reserve Support Group	Trans Bn/Trans Co	881A2	Marine Eng Off, Maint Off	FTUS/ARCOM
3		USA Trans Ctr	Training Ship	881A0	Second Engr	May be coded with SQI 1. See note 1.
4		USATSCH	DOI	881A8	Instructor	Two positions.
5		CS HHD Aug Carr	DG Watercraft Act	881A2	Marine Engr Off	
6		USA Strategic Def Cmd	Supply and Trans	881A2	Marine Engr Off	
7		MTMC TTU	Supply/Maint Hq Sec	881A0	Supply/Maint Off	May be coded with SQI 2. See note 2.
8	W3	Reserve Spt Group	Transportation Bn	881A2	Marine Engr Off	FTSU/ARCOM
9		USA Trans Ctr	Training Ship	881A0	First Asst Engr	May be coded with SQI 2. See note 2.
10		USATSCH	DOI	881A8	Instructor	
11	W4	MTMC TTU	Supply/Maint	881A0	Supply/Maint Off	May be coded with SQI 2. See note 2.
12		USA Trans Ctr	Training Ship	881A0	Chief Engr	AERS position. May be coded with SQI 2. See note2.
13		CASCOM	Prod Dev	881A0	Tng Dev	May be coded with SQI 2. See note 2.
14		CASCOM	CASCOM Curriculum Ctr	881A0	Marine Engr	May be coded with SQI 2. See note 2.
15		USATSCH	DOI	881A8	Instructor	AERS Position.
16		CASCOM	Concepts/Doctrine	881A0	Marine Engr	AERS position. May be coded with SQI Z.
17		Landing Craft Det	Maint Sec	881A0	Marine Maint Off	ARNG only. May be coded with SQI 2. See note 2.
18		LARC	Maint Sec	881A0	Marine Maint Off	ARNG.
19	W5	CASCOM	Concepts/Doctrine Div	881A0	Marine Engr	AERS position. May be coded with SQI Z.
20		ATCOM	Maint/Watercraft Rail Spt Br	881A0	Marine Engr	AERS position. May be coded with SQI Z.
21		CASCOM	Pers Proponency	881A0	Pers Prop Off	AERS position. See note 3. May be coded with SQI 2. See note 2.
22		OCOT	Marine Qual Div	881A0	Chief, Marine Qual Div	AERS position. See note 3. May be coded with SQI 2. See note 2.
23		USATSCH	DOI	881A0	Chief, Marine Div	AERS position. See note 3. May be coded with SQI 8.
24		Hq STARC	Harbor Master Team	881A0	Operations Officer	National Guard only. See note 3. May be coded with SQI 2. See note 2.
25		USATSCH	DOI	881A8	Instructor	

Notes:

<sup>1</sup> Must be qualified with Class A1 vessel Army Marine License.

<sup>2</sup> Must be qualified with Class A2 vessel Army Marine License.

<sup>3</sup> Branch Specific/MOS nonspecific. May be filled by warrant officer holding any Transportation MOS.

**Table 8-910A-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	910A0	Ammunition Technician	May be coded with SQI 7.
2	W3	HHC/MMC Spt Cmd (All Div)	Div Ammo Ofc	910A0	Ammunition Technician	May be coded with SQI 7.
3		Ord Co Ammo (All Types)	Control Sec, Material Sec	910A0	Ammunition Technician	
4	W4	MMC Corps Spt Cmd	Class V Br (All Pos)	910A0	Ammunition Technician	
5		MMC TA	Mun Sup/Maint Br	910A0	Ammunition Technician	
6		MMC TA	Surveillance Div	910A0	Ammunition Technician	
7		MMC TA	Control Div	910A0	Ammunition Technician	
8		Ammo Actg Det (Port)	Sea Pod Sec	910A0	Ammunition Technician	

**Table 8-910A-1  
Standards of grade TOE/MTOE—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
9	W5	MMC TA	Mat & Trans Div	910A0	Ammunition Technician	May be coded with SQI 7.

**Table 8-910A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	910A0	Ammunition Technician	
2	W3	HHC USAG	Ammo Sup Sec	910A0	Ammunition Technician	
3		USAR Garrison	Ammo Sec	910A0	Ammunition Technician	USAR.
4		Hq Chem Bio Def Cmd	Engr Dir	910A0	Ammunition Technician	
5		Johnston Island	Ammo Br	910A0	Ammunition Technician	
6		USAOMMCS	Stk & Actg Div, Stor & Log Div	910A8	Instructor	
7		USAADASCH	Munitions Spt	910A0	Ammunition Technician	
8		SECASST	MAG	910A0	Ammunition Technician	
9		USA Depot	All sections	910A0	Ammunition Technician	
10		SUPCOM Hq	ASP Stor	910A0	Ammunition Technician	
11	W4	USAOMMCS	Cmd & Stf Sec	910A8	Instructor	Second position graded W3.
12		CASCOM	Ammo Sec	910A0	Ammunition Technician	
13		USA Elm JUSMAG	Fld Log Ctr	910A0	Ammunition Technician	
14		RSA Miesau	Material Sec	910A0	Ammunition Technician	
15		Navajo Army Depot	Prod, Pln/Ctrl Ctr, Ammo Br	910A0	Ammunition Technician	ARNG.
16		AMC Surety Fld Acty	Surety Fld Acty Sec	910A0	Ammunition Technician	Second position graded W3.
17		Spt Bde (FTS)	Ctrl Cell	910A0	Ammunition Technician	USAR.
18		USARC/ARCOM/RSC/RSG	Tng Div	910A0	Ammunition Technician	USAR.
19		CASCOM	Curriculum Dev Ctr	910A0	Tech Eval	
20		CASCOM	Curriculum Dev Ctr	910A0	Ammunition Technician	
21	W5	Hq USAREUR	DCSLOG	910A0	Ammunition Technician	
22		Hq Pacific Cmd	DCSLOG	910A0	Ammunition Technician	
23		HHC LG Aug	Ammo Div	910A0	Ammunition Technician	
24		AMCCOM	Tech Adv Sec	910A0	Ammunition Technician	
25		USANCA	Operations Div	910A0	Ammunition Technician	
26		CASCOM	Concepts & Doctrine	910A0	Ammunition Technician	
27		CASCOM	Pers Proponent Ofc	910A0	Prop Action Officer	See note.

Notes:

Branch specific/MOS nonspecific. May be filled by warrant officer holding any Ordnance Branch MOS.

**Table 8-912A-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	912A0	LCMS Technician	May be coded with SQI 7.
2	W3	Ord Msl Spt Co GS (EAC)	Land Cbt Maint Sec	912A0	LCMS Technician	
3		Ord Msl Spt Co GS (EAC)	ELM Test/Rep Sec	912A0	LCMS Technician	
4		Lt Maint Co MSB (AASLT) (Abn)	Land Cbt Maint Sec	912A0	LCMS Technician	May be coded with SQI 7.
5		Ord Msl Spt Co (Inf Div, Hvy Div)	Land Cbt Maint Sec	912A0	LCMS Technician	
6		Electronics Maint Co	Land Cbt Maint Sec	912A0	LCMS Technician	
7		Msl Spt Co Corps	All sections	912A0	LCMS Technician	
8	W4	MMC Corps Spt Cmd	Msl Maint Br Rear	912A0	LCMS Technician	
9	W5	MMC TAACOM	Msl Mun Maint Br	912A0	LCMS Technician	

**Table 8-912A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	912A0	LCMS Technician	
2	W3	USAOMMCS	Msl Sys Tng Dept	912A8	Instructor	
3	W4	STARC/DARC/TARC	Any directorate	912A0	LMCS Technician	ARNG. Second position graded W3, subsequent positions graded W2.
4		U.S. Army Elm, On Site Insp Agcy	Insp Tm	912A0	Dep Tm Ch	
5		RSA Miesau	Mat Sec Aug	912A0	LCMS Technician	
6		USAOMMCS	Msl Sys Tng Dept	912A0	Tng Developer/Wtr	AERS position. May be coded with SQI 8.
7		MICOM	LCMS Sec	912A0	LCMS Technician	
8		USAPAC	LCMS Sec	912A0	LCMS Technician	
9		CASCOM	Curriculum Dev Ctr	912A0	LCMS Technician	
10		CASCOM	Mod & Tech Div	912A0	LCMS Technician	
11		CASCOM	Log Exer & Sim	912A0	LCMS Technician	
12	W5	MICOM	UGV-JPO Div	912A0	LCMS Technician	
13		CASCOM	Concepts & Doctrine	912A0	LCMS Technician	
14		CASCOM	Pers Proponent Ofc	912A0	Prop Action Officer	

Notes:

Branch specific/MOS nonspecific. May be filled by warrant officer holding any Ordnance Branch MOS.

**Table 8-913A-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	913A0	Armt Rep Tech	May be coded with SQI 7.
2	W3	Hvy Maint Co MSB (Abn/ AASLT/Hvy Div)	Armt Rep Sec	913A0	Armt Rep Tech	May be coded with SQI 7.
3		Hvy Ord (Maint) Co	Armt Maint Rep Sec	913A0	Armt Rep Tech	
4		HHC/MMC Spt Cmd (All Div)	Maint Br	913A0	Armt Rep Tech	
5		Ord (Maint) Trp Spt Sqdn ACR	Armt Maint Sec	913A0	Armt Rep Tech	
6		Main Maint Co	Armt Maint Rep Sec	913A0	Armt Rep Tech	
7		Hvy Ord (Maint) Co (Hvy Div)	Armt Maint Rep Sec	913A0	Armt Rep Tech	
8		Ord (Maint) Co HSB	Armt Rep Sec	913A0	Armt Rep Tech	
9		Svc Co COL & Class	Armt Disassembly Sec	913A0	Armt Rep Tech	
10	W4	Ops-Analysis Co MI Bn	Tech Intel Sec	913A0	Armt Rep Tech	
11		MMC Corps Spt Cmd	Armt Maint Br	913A0	Armt Rep Tech	
12	W5	MMC TAACOM	Msl-Arm Wpns/Prts Br	913A0	Armt Rep Tech	
13		MMC TAACOM	Armt/Cveh Maint Br	913A0	Armt Rep Tech	

**Table 8-913A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	913A0	Armt Rep Tech	May be coded with SQI 8.
2	W3	Tng Div	Maint Ofc	913A0	Armt Rep Tech	
3		Tng Div	Armt Maint Rep Sec	913A0	Armt Rep Tech	
4		Base Spt Bn	Dir of Log	913A0	Armt Rep Tech	USAR.
5		Equip Maint Ctr	Armt Maint Rep Sec	913A0	Armt Rep Tech	USAR.
6		U.S. Army Scty Asst	Scty Asst Tm—Kuwait	913A0	Armt Rep Tech	
7		Svc Sch, Rgnl Tng Site	Tng Div/Dept/Br	913A8	Instructor	
8		Svc Sch, Rgnl Tng Site	Tng Co	913A0	Armt Rep Tech	May be coded with SQI 8.
9	W4	Tech Spt Tm	QA/QC	913A0	Armt Rep Tech	USAR.
10		TAACOM MMC (Aug)	Armt-Cbt Veh Maint	913A0	Armt Rep Tech	
11		Svc Sch, Rgnl Tng Site	Tng Div/Dept/Br	913A8	Instructor	
12		Svc Sch, Rgnl Tng Site	Tng Div/Dept/Br	913A0	Tng Dept Chief	May be coded with SQI 8.

**Table 8-913A-2**  
Standards of grade TDA—Continued

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
13		STARC/DARC/TARC	Any directorate	913A0	Armt Rep Tech	ARNG. Second position graded W3, subsequent positions graded W2.
14		Reg Tng Site Maint	Prod Ctrl Sec	913A0	Armt Rep Tech	
15		Marksmanship Tng	Armament Sec	913A0	Armt Sec Chief	ARNG. Second position graded W3, subsequent positions graded W2.
16		U.S. Army Elm Tng Sec	QA Sec	913A0	Armt Rep Tech	See note.
17		Cbt Equip Gp	Comm Mgt Div	913A0	Armt Rep Tech	
18		U.S. Army Scty Asst	Scty Asst Tm, USMTM—Saudi	913A0	Armt Rep Tech	
19	W5	CASCOM	Curriculum Dev Ctr	913A0	Armt Rep Tech	
20		CASCOM	Concepts & Doctrine	913A0	Armt Rep Tech	
21		CASCOM	Personnel Prop Office	913A0	CSS Proponent Officer	
22		USAOC&S	Weapons Dept	913A0	Prof Dev Officer	

Notes:

Branch specific/MOS nonspecific. May be filled by warrant officer holding any Ordnance Branch MOS.

**Table 8-914A-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	914A0	Allied Trades Tech	May be coded with SQI 7.
2	W3	Hvy Maint Co MSB (All Div)	Svc & Recovery Sec	914A0	Allied Trades Tech	May be coded with SQI 7.
3		Ord (Maint) Trp Spt Sqdn ACR	Svc Sec	914A0	Allied Trades Tech	
4		GS Maint Co	Svc/Lift Sec	914A0	Allied Trades Tech	
5	W4	Hvy Maint Co Hvy Div	Maint Spt Plt Hq	914A0	Allied Trades Tech	
6		Hvy Maint Co MSB (Hvy Div/Inf Div)	Svc & Rec Sec Plt Hq	914A0	Allied Trades Tech	
7		Hvy Ord (Maint) Co (Hvy Div/Inf Div)	Svc & Recovery Sec	914A0	Allied Trades Tech	

**Table 8-914A-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	914A0	Allied Trades Tech	
2	W3	Equip Maint Ctr	Prod Control Sec	914A0	Allied Trades Tech	ARNG.
3		Svc Sch, Rgnl Tng Site	Tng Div/Dept/Br	914A8	Instructor	
4		Svc Sch, Rgnl Tng Site	Tng Div/Dept/Br	914A0	Allied Trades Tech	May be coded with SQI 8.
5	W4	ARCOM/RSC/RSG	Maint Div/Readiness Div	914A0	Allied Trades Tech	USAR.
6		Svc Sch	New Sys Br	914A0	Tng Developer	
7		Svc Sch, Rgnl Tng Site	Tng Div/Dept/Br	914A8	Instructor	
8		Svc Sch, Rgnl Tng Site	Tng Div/Dept/Br	914A0	Admin/Ops Off	May be coded with SQI 8.
9		STARC/DARC/TARC	Dir of Maint	914A0	Allied Trades Tech	ARNG.
10		Reg Tng Site Maint (RTS-M)	Div/Sec/Br	914A0	Allied Trades Tech	ARNG.
11	W5	Svc Sch, Rgnl Tng Site	Tng Div, Dir	914A0	Tng Dept Chief	May be coded with SQI 8.
12		CASCOM	Pers Proponent Ofc	914A0	Prop Action Officer	See note.

Notes:

Branch specific/MOS nonspecific. May be filled by warrant officer holding any Ordnance Branch MOS.

**Table 8-915A-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	915A0	Unit Mnt Tech (Lt)	May be coded with SQI 7.

**Table 8-915A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	915A0	Unit Mnt Tech (Lt)	May be coded with SQI 8.

**Table 8-915D-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W3	All units	All sections	915D0	Unit Mnt Tech (Hvy)	May be coded with SQI 7.
2		Cbt Rpr Plt (All Type)	Cbt Rpr Plt Hq	915D0	Unit Mnt Tech (Hvy)	
3		Inf Bn (Mech)	Bn Maint Plt Hq Sec	915D0	Bn Mnt Tech (Hvy)	
4		Arm Bn (Tank)	Bn Maint Plt Hq Sec	915D0	Bn Mnt Tech (Hvy)	
5	W4	Arm Cav Sqdn	Sqdn Maint Plt Hq Sec	915D0	Sqdn Mnt Tech	

**Table 8-915D-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W3	All units	All sections	915D0	Unit Mnt Tech (Hvy)	May be coded with SQI 8.
2		Div RTD	Inf Bn (Mech)	915D0	Unit Mnt Tech (Hvy)	
3		Div RTD	Arm Bn (Tank)	915D0	Unit Mnt Tech (Hvy)	
4		USA ORE TG	Inf Bn (Mech)	915D0	Unit Mnt Tech (Hvy)	
5		USA ORE TG	Arm Bn (Tank)	915D0	Unit Mnt Tech (Hvy)	
6		Mech Bde	RTD Det	915D0	Unit Mnt Tech (Hvy)	
7		Div Mvr Tng	Exercise Br	915D0	Eval/Cont Off	ARNG.
8		Svc Sch, Rgnl Tng Site	Equip Maint Sec	915D0	Unit Mnt Tech (Hvy)	May be coded with SQI 8.
9		Hq Div	MAIT Tm	915D0	Unit Mnt Tech (Hvy)	ARNG.
10		Tng Div	Equip Maint Sec	915D0	Unit Mnt Tech (Hvy)	USAR.
11		Equip Mnt Ctr	Prod Control Sec	915D0	Unit Mnt Tech (Hvy)	ARNG.
12	W4	Arm Cav Sqdn	Sqdn Maint Plt Hq Sec	915D0	Sqdn Mnt Tech	USAR.
13		STARC/DARC/TARC	Any Dir/Sec	915D0	Unit Mnt Tech (Hvy)	ARNG. Subsequent positions graded W3.
14		Svc Sch, Rgnl Tng Site	Dir/Dept/Div/Br	915D8	Instructor	Subsequent positions graded W3.
15		Svc Sch, Rgnl Tng Site	Dir/Dept/Div/Br	915D0	Tng Dept Chief	
16		Rgnl Tng Site	Any section	915D0	Unit Mnt Tech (Hvy)	ARNG. Subsequent positions graded W3.
17		Equip Tng Tm	Any Sec/Br	915D0	Unit Mnt Tech (Hvy)	ARNG.
18		RSA Measau	S-4 Sec Aug	915D0	Unit Mnt Tech (Hvy)	
19		U.S. Army Nat'l Tng Ctr	Maint Sec	915D0	Unit Mnt Tech (Hvy)	
20		U.S. Army Scty Asst Tng	Tm (CONUS/OCONUS)	915D0	Unit Mnt Tech (Hvy)	
21		CASCOM	Concepts & Doctrine	915D0	Unit Mnt Tech (Hvy)	

**Table 8-915E-1**  
**Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W3	All units	All sections	915E0	Spt Mnt Tech	May be coded with SQL 7.
2		Elec Maint Co	Fuel/Elec Rep Sec	915E0	Spt Mnt Tech	
3		Maint Co DS HAWK	Mech Equip Maint Sec	915E0	Spt Mnt Tech	
4		SF Maint Det	Maint Mgt Sec	915E0	Spt Mnt Tech	
5		MI Co Tech Intel	Mobility Intel Plt	915E0	Spt Mnt Tech	
6		MD Bn Area Spt	Maint Sec	915E0	Spt Mnt Tech	
7		Lt Ord (Maint) Co	Fuel/Elec Rep Sec	915E0	Spt Mnt Tech	
8		Hvy Maint Co MSB (Hvy Div)	Fuel/Elec Rep Sec	915E0	Spt Mnt Tech	
9		HHC Corps Spt Co (All Div)	Auto Mat Br	915E0	Spt Mnt Tech	May be coded with SQL 7.
10		Hvy Maint Co MSB (Abn)	Auto Maint Sec	915E0	Spt Mnt Tech	May be coded with SQL 7.
11		Ord (Maint) Co MSB LID	Auto Maint Sec	915E0	Spt Mnt Tech	
12		Maint Co FSB (Hvy Div)	Auto Maint Rep Sec	915E0	Spt Mnt Tech	
13		Ord (Maint) Co FSB	Auto Maint Rep Sec	915E0	Spt Mnt Tech	
14		Ord (Maint) Co FSB LID	Auto/Gnd Spt Rep Sec	915E0	Spt Mnt Tech	
15		FWD Maint Co (AASLT Abn)	Mech Maint Sec	915E7	Spt Mnt Tech	May be coded with SQL 7.
16		Ord (Maint) Trp Spt Sqdn ACR	Acs Mst Plt Hq, Auto Maint Sec, Fwd Spt Shop Ofc	915E0	Spt Mnt Tech	
17		HHT Spt Sqdn ACR	S4 Sec	915E0	Spt Mnt Tech	
18		Ord (Maint) Co Sep Bde	Auto Maint Sec	915E0	Spt Mnt Tech	
19		HHC Spt Bn Sep Bde	S4 Sec	915E0	Spt Mnt Tech	
20		Maint Co Non-Div DS	Auto Maint Sec	915E0	Spt Mnt Tech	
21		Svc Co, Col & Class	Equip Disassembly Sec	915E0	Spt Mnt Tech	
22		Aug-Maint Spt Tm	Maint Spt Tm	915E0	Spt Mnt Tech	
23		Track Veh Rep Plt	Trk/Veh Rep Sec	915E0	Spt Mnt Tech	
24		Wheel Veh Rep Plt	Auto Maint Sec	915E0	Spt Mnt Tech	
25		Cellular Log TM	Cellular Log Tm	915E0	Spt Mnt Tech	
26		Maint Co DS PATRIOT	Mech Maint Sec	915E0	Spt Mnt Tech	
27		Ground Maint Co	Auto/Track Veh Rep Sec	915E0	Spt Mnt Tech	
28	W4	HHC Engr Bde	Maint Spt Sec	915E0	Spt Mnt Tech	
29		HHC Sig Bde	Log Sec	915E0	Spt Mnt Tech	
30		HHC Engr Group	S4 Sec	915E0	Spt Mnt Tech	
31		HHC Trans Group	S4 Sec	915E0	Spt Mnt Tech	
32		HHC MP Bde	S4 Sec	915E0	Spt Mnt Tech	
33		HHC PSYOP Group	S4 Sec	915E0	Spt Mnt Tech	
34		HHD MI Bde	S4 Sec	915E0	Spt Mnt Tech	
35		HHD FA Bde	Tech Mnt Staff	915E0	Spt Mnt Tech	
36		Inf Det Artic Spt	Maint Spt Sec	915E0	Spt Mnt Tech	
37		Hvy Maint Co MSB (Hvy Div)	Auto/Track Veh Rep Sec	915E0	Spt Mnt Tech	
38		Hvy Maint Co MSB (AASLT)	Mech Maint Sec	915E0	Spt Mnt Tech	
39		Hvy Ord (Maint) Co	Auto Maint Rep Sec, Maint Control Sec	915E0	Spt Mnt Tech	
40		HHD Ord (Maint) Bn DS/GS	Maint Ops Sec	915E0	Spt Mnt Tech	
41		Ord (Maint) Co SIB	Auto Rep Sec	915E0	Spt Mnt Tech	
42		Maint Trp Spt Sqdn ACR	Auto Maint Sec	915E0	Spt Mnt Tech	
43		Hq Main Spt Co SOSB (Abn)	Maint Control/Plt Hq	915E0	Spt Mnt Tech	May be coded with SQL 7.
44		Svc Co Col & Class	Ident & Insp Sec	915E0	Spt Mnt Tech	
45		GRMD Maint Co	Maint Control Sec	915E0	Spt Mnt Tech	
46		HHC TA	Prog/Reconst Br	915E0	Spt Mnt Tech	
47		MMC Corps Spt Cmd	Auto Maint Br, Auto Maint Br (R)	915E0	Spt Mnt Tech	
48		MMC TAACOM	Auto Maint Br	915E0	Spt Mnt Tech	
49	W5	HHC/MMC Div Spt Cmd	Materiel Ofc, Maint Br	915E0	Spt Mnt Tech	
50		HHT Spt Sqdn ACR	Materiel Ofc	915E0	Spt Mnt Tech	
51		HHC Spt Bn Sep Bde	Materiel Ofc	915E0	Spt Mnt Tech	
52		MMC Corps Spt Cmd	Auto Maint Br	915E0	Spt Mnt Tech	
53		MMC Corps Spt Cmd	Armt/Cveh Maint Br	915E0	Spt Mnt Tech	
54		MMC TAACOM	Armt/Cveh Maint Br	915E0	Spt Mnt Tech	

**Table 8-915E-2**  
**Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W3	All units	All sections	915E0	Spt Mnt Tech	May be coded with SQI 8.
2		Instal Spt Unit	All sections	915E0	Spt Mnt Tech	ARNG.
3		Equip Maint Ctr	Maint Ops, Autmv, Trk Rep Sec	915E0	Spt Mnt Tech	ARNG.
4		USAR Tech Gp	G4 Sec	915E0	Spt Mnt Tech	USAR.
5		USARC/ARCOM/RSC/ RSG	IG Insp Ofc	915E0	Spt Mnt Tech	USAR.
6		USAR Garrison	Prod Plan & Control Br, Shop Ops Br, S4	915E0	Spt Mnt Tech	USAR.
7		USAR FTS	All sections	915E0	Spt Mnt Tech	USAR.
8		USAG	TMP	915E0	Spt Mnt Tech	
9		USA Spt Acty Saudi	Adv Det	915E0	Spt Mnt Tech	
10		Svc Sch, Rgnl Tng Site	Tng Div/Dept/Br	915E0	Spt Mnt Tech	May be coded with SQI 8.
11		Svc Sch, Rgnl Tng Site	Tng Committee	915E8	Instructor	
12		Div RTD	Fwd Spt Bn	915E0	Trainer	
13	W4	Equip Maint Ctr	Prod Control Br	915E0	Spt Mnt Tech	ARNG.
14		STARC/DARC/TARC	Any Dir/Sec	915E0	Spt Mnt Tech	ARNG. Subsequent positions graded W3.
15		Reg Tng Site Maint	Any sections	915E0	Spt Mnt Tech	ARNG. Subsequent positions graded W3.
16		Reg Tng Site Maint	Hq Sec	915E0	Tech Coord	ARNG.
17		Maint Spt Act	Auto/Arms Rep	915E0	Spt Mnt Tech	ARNG.
18		Chem, Engr, Med, MP Bde and TC Gp	S4 Sec, Maint Sec	915E0	Spt Mnt Tech	USAR FTS/Tech Gp.
19		RC Spt Tm	Insp Div	915E0	Spt Mnt Tech	USAR FTS/Tech Gp.
20		Tng Div	G4 Sec, Mat Div, Maint Mgmt Div	915E0	Spt Mnt Tech	USAR.
21		USARC/ARCOM/RSC/ RSG	Sup/Svc Div, Maint Div, MAIT Tm	915E0	Spt Mnt Tech	USAR.
22		Res Comp Spt	MAIT Sec	915E0	Spt Mnt Tech	USAR.
23		Log Ctr MMC	Control Cell	915E0	Spt Mnt Tech	USAR.
24		USARPAC	ORE Team	915E0	Spt Mnt Tech	USAR.
25		Natl Tng Ctr	Install Spt Br	915E0	Spt Mnt Tech	
26		Cbt Equip Gp Europe	QA/QC Insp and/or Con Sec, Br or Ofc, MAIT	915E0	Spt Mnt Tech	
27		USAG	MAIT, Insp Br, Maint Div	915E0	Spt Mnt Tech	
28		Aug HHC AR/Inf Div	MAIT Tm	915E0	Spt Mnt Tech	
29		Aug TAACOM	IG Tm, Maint Div	915E0	Spt Mnt Tech	
30		Aug Hq Log Cmd	IG Br, MAIT Tm	915E0	Spt Mnt Tech	
31		Aug Hq AD Cmd	G4/MAIT Tm	915E0	Spt Mnt Tech	
32		Aug HHC SUPCOM	MAIT Tm	915E0	Spt Mnt Tech	
33		Aug Spt Gp	MAIT Tm, Trans Sec, In- stall Spt Ofc	915E0	Spt Mnt Tech	
34		Aug HHD Spt Bn (BASE)	MAIT Tm, QA Sec	915E0	Spt Mnt Tech	
35		Aug HHC ASG	MMC	915E0	Spt Mnt Tech	
36		Cmd Info Sys Test Act	Log Div	915E0	Spt Mnt Tech	
37		Base Spt Bn	Maint Acty	915E0	Maint Chief	
38		Area Spt Gp	Maint Acty	915E0	Maint Chief	
39		Cbt Equip Gp Europe	Comm Mgmt Dir	915E0	Spt Mnt Tech	
40		Ofc Ch Engr	Tech Review Br	915E0	Spt Mnt Tech	
41		AAESA	Mgmt Review Br	915E0	Spt Mnt Tech	
42		USA OPTEC	Maint Plt Hq Sec, Tech Div, Spt Ops Br	915E0	Spt Mnt Tech	
43		US AMC Log Spt Acty	Trk/Wh Br, Tm POL & Stds Br	915E0	Spt Mnt Tech	
44		USA Elm Joint Acty	Equip Maint Det, Land Forces Sec	915E0	Spt Mnt Tech	
45		USA Elm SHAPE, CEN- TAG, AFSOUTH	Maint Sec, QA Sec	915E0	Mnt Off	
46		USA Elm Joint Commo Spt	Trans Br	915E0	Spt Mnt Tech	
47		USMA	Engr Dept	915E0	Mnt Off	
48		USA FORSCOM	Insp Div	915E0	Spt Mnt Tech	
49		Hq Field Army	IG Insp Tm	915E0	Spt Mnt Tech	
50		Svc Sch, Rgnl Tng Site	Dir/Div/Dept/Br	915E0	Crs Dir	May be coded with SQI 8.
51		Svc Sch, Rgnl Tng Site	Dir/Div/Dept/Br	915E0	Tng Dept Chief	May be coded with SQI 8.
52		Svc Sch, Rgnl Tng Site	Dir/Div/Dept/Br	915E8	Instructor	
53		USA Depot	Dir Prod	915E0	Chief	
54		USAMC MRSA	Dir/Br/Sec	915E0	Spt Mnt Tech	
55		Hq TACOM	Fielding Team	915E0	Mnt Off	
56		USA CSTA	Mtn Spt Br	915E0	Maint Chief	

**Table 8-915E-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
57		Aug HHC U.S. Army Hq	Log Cell	915E0	Spt Mnt Tech	
58		USA Scty Asst Tng Tm	CONUS/OCONUS	915E0	Spt Mnt Tech	
59		CASCOM	Curriculum Dev Ctr	915E0	Project Officer	
60		CASCOM	Tech Mod Div	915E0	Spt Stf Mnt Tech	
61		CASCOM	Log Automation Div	915E0	Spt Stf Mnt Tech	
62		CASCOM	Log Exercise & Sim	915E0	Spt Stf Mnt Tech	
63	W5	Area Spt Gp	MMC	915E0	Spt Mnt Tech	
64		Aug HHC ASG	Prod Plans Br	915E0	Spt Mnt Tech	
65		Aug HHC U.S. Army Hq	IG Ofc	915E0	Spt Mnt Tech	
66		Cbt Equip Gp Europe	POMCUS QA	915E0	Spt Mnt Tech	
67		Hq Field Army	DCSLOG, Maint Br	915E0	Spt Mnt Tech	
68		STARC/DARC/TARC	Maint Sec	915E0	Ord Pol Action Off	ARNG. One position per STARC.
69		ARNG Readiness Ctr	Logistics Dir	915E0	Spt Mnt Tech	
70		Hq TACOM	C&A Sec, MOP Br	915E0	Spt Mnt Tech	
71		Hq USMA	Civ & Mech Engr	915E0	Spt Mnt Tech	
72		USAOC&S	Tng Dept	915E0	Prof Dev Officer	
73		USAOC&S	Cmd & Stf Dept	915E0	Chief, WO Prof Dev Div	
74		PERSCOM	Asgn Br	915E0	Pers Mgmt Off	
75		CASCOM	Concepts & Doctrine	915E0	DS/GS Auto Stf	
76		CASCOM	Curriculum Dev Ctr	915E0	Spt Stf Mnt Tech	
77		CASCOM	Personnel Prop Off	915E0	Sr Pers Prop Off	See note.

Notes:

Branch specific/MOS nonspecific. May be filled by warrant officer holding any Ordnance Branch MOS.

**Table 8-916A-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	916A0	HIMAD DS/GS Mnt Tech	
2		All units	All sections	916A0 6D	PATRIOT DS/GS Mnt Tech	
3	W3	Ord Maint Co DS HAWK (Corps 3X2)	QA/QC Sec	916A0	HIMAD DS/GS Mnt Tech	
4		Maint & Supply Co GM GS	QA/QC Sec	916A0	HIMAD DS/GS Mnt Tech	
5		Ord Msl Spt Co (Corps 3X2)	Msl Maint Sec	916A0 6D	PATRIOT DS/GS Mnt Tech	
6		Ord Ammo DS/GS Co	Materiel Sec	916A0 6D	PATRIOT DS/GS Mnt Tech	
7		MMC TA	Msl-Armt Wpns/Prts Br	916A0 6D	PATRIOT DS/GS Mnt Tech	
8		MMC TA	Msl-Armt Maint Br	916A0 6D	PATRIOT DS/GS Mnt Tech	
9	W4	HHB ADA Bde Army	Technical Maint Staff	916A0 6D	PATRIOT DS/GS Mnt Tech	
10		ADA AACCOM TA	Material Sec	916A0 6D	PATRIOT DS/GS Mnt Tech	

**Table 8-916A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	916A0	HIMAD DS/GS Mnt Tech	
2		All units	All sections	916A0 6D	PATRIOT DS/GS Mnt Tech	
3	W3	RSA Miesau	Mat Sec Aug	916A0 6D	PATRIOT DS/GS Mnt Tech	
4		MICOM	Air Def Br	916A0 6D	PATRIOT DS/GS Mnt Tech	
5		MICOM	JEDDA Fld Ofc, SAM-D	916A0 6D	PATRIOT DS/GS Mnt Tech	
6		MICOM	UAE, Fld Ofc, SAM-D	916A0	HIMAD DS/GS Mnt Tech	
7		USAWSMR	AD Cmd & Con Br	916A0 6D	PATRIOT DS/GS Mnt Tech	
8		USAWSMR	Test Ops Br	916A0	HIMAD DS/GS Mnt Tech	
9	W4	USAOMMCS	PATRIOT Tng Det	916A8 6D	Instructor	AERS position.

**Table 8-916A-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
10		MICOM	Mat Fldg	916A0	HIMAD DS/GS Mnt Tech	
11		CASCOM	Concepts & Doctrine	916A0 6D	PATRIOT DS/GS Mnt Tech	
12	W5	USAOMCS	Msl Sys Tng Dept	916A0 6D	PATRIOT DS/GS Mnt Tech	
13		CASCOM	Pers Proponent Ofc	916A0 6D	Prop Action Officer	See note.

Notes:

Branch specific/MOS nonspecific. May be filled by warrant officer holding any Ordnance Branch MOS.

**Table 8-917A-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	917A0	MFADS Tech	May be coded with ASI 7.
2	W3	HHB ADA Bn LID	S1/S4 Sec	917A0	MFADS Tech	
3		Ord Msl Spt Co (All Div)	SHORAD MFADS Maint Sec	917A0	MFADS Tech	
4		Electronics Maint Co	SHORAD MFADS Maint Sec	917A0	MFADS Tech	
5		Ord (Maint) Co MSB LID	MFADS Maint Sec	917A0	MFADS Tech	
6		Land Cbt Sys Aug Tm	LCMS Maint Sec	917A0	MFADS Tech	Subsequent positions graded W2.
7		HHB ADA Bn Avenger	S1/S4 Sec	917A0	MFADS Tech	
8	W4	Msl Spt Co Corps	QA/QC Sec	917A0	MFADS Tech	
9		Lt Maint Co MSB (AASLT) (Abn)	MFADS Maint Sec	917A0	MFADS Tech	May be coded with SQI 7.
10		ADA Bde	All sections	917A0	MFADS Tech	
11		Ord Msl Maint Co GS (EAC)	AD MFADS Maint Sec	917A0	MFADS Tech	
12		Msl Spt Co (EAC)	CHAPS/VUL/FAAR/Maint Sec	917A0	MFADS Tech	
13	W5	MMC TA	Msl-Armt Wpns/Maint Sec	917A0	MFADS Tech	

**Table 8-917A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	917A0	MFADS Tech	
2	W3	USAOMMCS	Air Def Div	917A8	Instructor	
3		USAADASCH	A/S Div, BSFV Div, Sensors Div	917A8	Instructor	
4	W4	USAOMMCS	Air Def Div	917A0	MFADS Tech	
5		USAOMMCS	Air Def Div	917A0	Writer	AERS position.
6		USA Elm JUSMAG	Fld Log Ofc	917A0	MFADS Tech	
7		CASCOM	Curriculum Dev Ctr	917A0	MFADS Tech	
8	W5	MICOM	All	917A0	MFADS Tech	
9		CASCOM	Concepts & Doctrine	917A0	MFADS Tech	
10		CASCOM	Pers Proponent Ofc	917A0	Prop Action Officer	See note.

Notes:

Branch specific/MOS nonspecific. May be filled by warrant officer holding any Ordnance Branch MOS.

**Table 8-918A-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	918A0	TMDE Mnt Spt Tech	May be coded with SQI 7.
2	W3	HHC Corps Spt Cmd	C-E Material Br	918A0	TMDE Mnt Spt Tech	
3		Ord Maint Co TMDE Tm LA	Opns Sec	918A0	TMDE Mnt Spt Tech	
4		Ord Maint Spt TMDE Tm LD	AN/GSM-287 (TMDE) Spt Tm	918A0	TMDE Mnt Spt Tech	
5	W4	HHD Maint Bn (TMDE)	Material Sec	918A0	TMDE Mnt Spt Tech	
6		HHC Army	G4 Sec	918A0	TMDE Mnt Spt Tech	

**Table 8-918A-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	918A0	Engr Rep Tech	May be coded with SQI 8.
2	W3	Maint Co, Non Div	Grnd Spt Equip Maint Sec	918A0	Engr Rep Tech	USAR FTS/Tech Gp.
3		Maint Co, Hvy Div	Pwr Gen Equip, Equip Rep Sec	918A0	Engr Rep Tech	USAR FTS/Tech Gp.
4		Tng Div, Engr Bde	Exer Br	918A0	Engr Rep Tech	USAR.
5		Equip Maint Ctr	Prod Control Sec	918A0	Engr Rep Tech	ARNG.
6		Svc Sch, Regl Tng Site	Tng Div, Dept, Br	918A0	Tng Anal Off	
7		Svc Sch, Regl Tng Site	Systems Div	918A0	Mat Dev Officer	May be coded with SQI 8.
8		Engr Bde	Maint Spt Sec (Staff)	918A0	Engr Rep Tech	USAR FTS/Tech Gp.
9		Ofc, Ch Engr	Maint Br	918A0	Engr Rep Tech	
10		AMC	Equip Fielding Tm	918A0	Engr Rep Tech	
11	W4	USAR Garrison	Shop Ops Br	918A0	Engr Rep Tech	USAR.
12		Cbt Equip Gp Europe	Cmd Mgmt Br	918A0	Engr Rep Tech	
13		Engr Gp	Tech Rev	918A0	Engr Rep Tech	
14		USA OPTEC	Engr Test Div	918AZ	RDTE Tech	Second position graded W3.
15		Svc Sch, Regl Tng Site	Tng Div, Dept, Br	918A8	Instructor	Subsequent positions graded W3.
16		Svc Sch, Regl Tng Site	Tng Div, Dept, Br	918A0	Tng Dept Chief	May be coded with SQI 8.
17		Svc Sch, Regl Tng Site	Tng Div, Dept, Br	918A0	Engr Rep Tech	May be coded with SQI 8.
18		TROSCOM	Mat Integr Br	918A0	Engr Rep Tech	
19		STARC/DARC/TARC	Any directorate	918A0	Engr Rep Tech	ARNG. Second position graded W3, subsequent positions graded W2.
20		Regl Tng Site—Maint (RTS-M)	Prod Con Sec	918A0	Engr Rep Tech	ARNG.
21		PERSCOM	WO Div	918A0	Ord Pers Mgmt WO	
22	W5	USARC/RSC	Maint Div	918A0	Engr Rep Tech	USAR.
23		USAEC	Pers Proponent Ofc	918A0	Engr Prop Coord	

**Table 8-918B-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	918B0	Elec Sys Maint Tech	May be coded with SQI 7.
2	W3	SC Bn, Div	All sections	918B0	Elec Sys Maint Tech	May be coded with SQI 7.
3		SC Bn, Corps	All sections	918B0	Elec Sys Maint Tech	May be coded with SQI 7.
4		CS Co Mnt GS	All sections	918B0	Elec Sys Maint Tech	Subsequent positions graded W2.
5		HHC/MMC Spt Cmd Div (All Div)	Elec Maint Br	918B0	Elec Sys Maint Tech	May be coded with SQI 7.
6		HHC Sig Bn Corps Area Spt	All sections	918B0	Elec Sys Maint Tech	May be coded with SQI 7.
7		SC RDF ADA Bde	C-E Maint	918B0	Elec Sys Maint Tech	

**Table 8-918B-1**  
Standards of grade TOE/MTOE—Continued

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
8		Av Bn HHD Mnt EAC/ Corps	Maint/Sup Ops	918B0	Elec Sys Maint Tech	
9		HHC, AMB, AASLT Div	Spt Ops Sec	918B0	Elec Sys Maint Tech	
10		Av Mnt Co, Corps	Avionic Rep Plt Hq	918B0	Elec Sys Maint Tech	
11		HHSC, Av Maint Bn	Maint/Sup Opns Sec	918B0	Elec Sys Maint Tech	
12	W4	MMC, TA	C-E Maint Br	918B0	Elec Sys Maint Tech	
13		MMC, COSCOM	Elec Maint Br	918B0	Elec Sys Maint Tech	May be coded with SQI 7.
14		HHB Corps Arty	Tac Opns & Intel Ctr	918B0	Elec Sys Maint Tech	
15		SC HHC Corps Sig Bde/ (MSE)	Logistics	918B0	Elec Sys Maint Tech	May be coded with SQI 7.
16		SC Bn Cmd Ops	CE/COMSEC Maint	918B0	Elec Sys Maint Tech	
17		CS Co Mnt Rear	All sections	918B0	Elec Sys Maint Tech	First pos W4, others W3.
18	W5	Hq HHC 3rd Army	Maint Br	918B0	Elec Sys Maint Tech	
19		SC HHC Theater Sig Cmd	Maint Div	918B0	Elec Sys Maint Tech	
20		SC HHC Theater Sig Bde	Logistics	918B0	Elec Sys Maint Tech	

**Table 8-918B-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	918B0	Elec Sys Maint Tech	
2	W3	USAR FTS	335th Sig Cmd	918B0	Elec Sys Maint Tech	USAR.
3		USAR FTS	238th Maint	918B0	Elec Sys Maint Tech	USAR.
4		USAR FTS	279th Maint	918B0	Elec Sys Maint Tech	USAR.
5		USAR FTS	344th Maint	918B0	Elec Sys Maint Tech	USAR.
6		USAADASCH	Int/Com Br	918B0	Elec Sys Maint Tech	May be coded with SQI 8.
7		USA CECOM	Comm 1 Br	918B0	Elec Sys Maint Tech	
8		USA Sig Ctr	Maint & Equip Div	918B0	Elec Sys Maint Tech	May be coded with SQI 8.
9	W4	STARC/DARC/TARC	Any directorate	918B0	Elec Sys Maint Tech	ARNG. Second position W3, subsequent positions W2.
10		Install Spt Unit (ISU)	Div/Sec/Br	918B0	Elec Sys Maint Tech	ARNG.
11		MACE	QA Div	918B0	Elec Sys Maint Tech	ARNG.
12		Reg Tng Site Maint	All sections	918B0	Elec Sys Maint Tech	ARNG. May be coded with SQI 8.
13		Acty Spt Outside DoD	All sections	918B0	Elec Sys Maint Tech	USAR.
14		USAOMMCS	Ord WO Tng Div	918B0	Elec Sys Maint Tech	AERS positions. May be coded with SQI 8.
15		USAFASCH	Warfighter Div	918B8	Instructor	Subsequent positions graded W3.
16		CASCOM	Concepts & Doctrine	918B0	Elec Sys Maint Tech	
17		USA OPTEC	Spt Ops Br	918B0	Elec Sys Maint Tech	
18		USA Info Sys Cmd	Log Div	918B0	Elec Sys Maint Tech	
19		Elm USA SHAPE	Logistics Br	918B0	Elec Sys Maint Tech	
20	W5	Eastern ARNG Av Tng Site	Flt Simulation Div	918B0	Elec Sys Maint Tech	ARNG.
21		Avn Cls Rep Act	Spt Ops Div	918B0	Elec Sys Maint Tech	ARNG.
22		ARNG Readiness Cen	Log Directorate	918B0	Automation Maint Tech	ARNG.
23		USAOMMCS	Ord WO Tng Div	918B0	Division Chief	

**Table 8-919A-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	919A0	Engr Rep Tech	May be coded with SQI 7.
2	W3	Lt Ord Maint Co	Pwr Gen Equip Rep Sec	919A0	Engr Rep Tech	
3		Maint Co Non-Div DS	GSE Maint Sec	919A0	Engr Rep Tech	
4		Maint Co, MSB Hvy Div	GSE Maint Sec	919A0	Engr Rep Tech	
5		Hq & Spt Co, Cbt Bn, Hvy	DS Maint Sec	919A0	Engr Rep Tech	
6		HHC Engr Grp (Cbt & Const)	S4 Sec	919A0	Engr Rep Tech	

**Table 8-919A-1**  
Standards of grade TOE/MTOE—Continued

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
7		Main Maint Co	Pwr Gen Equip Rep Sec	919A0	Engr Rep Tech	
8		Hvy Maint Co MSB (All Type)	Equip Maint Sec	919A0	Engr Rep Tech	
9	W4	Engr Co, Const Spt	DS Maint Sec	919A0	Engr Rep Tech	
10		Engr Port Const Co	DS Maint Sec	919A0	Engr Rep Tech	
11		Engr Co, Pipeline Const	Maint Sec	919A0	Engr Rep Tech	
12		Engr Co, CSE (Eng Bde)	DS Maint Sec	919A0	Engr Rep Tech	
13		Engr Bn Cbt Hvy	Maint Control Sec	919A0	Engr Rep Tech	
14		HHD Engr Bde	Admin/Log Sec	919A0	Engr Rep Tech	
15	W5	HHC Engr Bde Corps	Maint Spt Sec	919A0	Engr Rep Tech	
16		HHC Engr Bde TA	Maint Spt Sec	919A0	Engr Rep Tech	

**Table 8-919A-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	919A0	Engr Rep Tech	May be coded with SQI 8.
2	W3	Maint Co, Non Div	Grnd Spt Equip Maint Sec	919A0	Engr Rep Tech	USAR FTS/Tech Gp.
3		Maint Co, Hvy Div	Pwr Gen Equip, Equip Rep Sec	919A0	Engr Rep Tech	USAR FTS/Tech Gp.
4		Tng Div, Engr Bde	Exer Br	919A0	Engr Rep Tech	USAR.
5		Equip Maint Ctr	Prod Control Sec	919A0	Engr Rep Tech	ARNG.
6		Svc Sch, Regl Tng Site	Tng Div, Dept, Br	919A0	Tng Anal Off	
7		Svc Sch, Regl Tng Site	Systems Div	919A0	Mat Dev Officer	May be coded with SQI 8.
8		Engr Bde	Maint Spt Sec (Staff)	919A0	Engr Rep Tech	USAR FTS/Tech Gp.
9		Ofc, Ch Engr	Maint Br	919A0	Engr Rep Tech	
10		AMC	Equip Fielding Tm	919A0	Engr Rep Tech	
11	W4	USAR Garrison	Shop Ops Br	919A0	Engr Rep Tech	USAR.
12		Cbt Equip Gp Europe	Cmd Mgmt Br	919A0	Engr Rep Tech	
13		Engr Gp	Tech Rev	919A0	Engr Rep Tech	
14		USA OPTEC	Engr Test Div	919AZ	RDTE Tech	Second position graded W3.
15		Svc Sch, Regl Tng Site	Tng Div, Dept, Br	919A8	Instructor	Subsequent positions graded W3.
16		Svc Sch, Regl Tng Site	Tng Div, Dept, Br	919A0	Tng Dept Chief	May be coded with SQI 8.
17		Svc Sch, Regl Tng Site	Tng Div, Dept, Br	919A0	Engr Rep Tech	May be coded with SQI 8.
18		TROSCOM	Mat Integr Br	919A0	Engr Rep Tech	
19		STARC/DARC/TARC	Any directorate	919A0	Engr Rep Tech	ARNG. Second position graded W3, subsequent positions graded W2.
20		Regl Tng Site—Maint (RTS-M)	Prod Con Sec	919A0	Engr Rep Tech	ARNG.
21		PERSCOM	WO Div	919A0	Ord Pers Mgmt WO	
22	W5	USARC/RSC	Maint Div	919A0	Engr Rep Tech	USAR.
23		USAEC	Pers Proponent Ofc	919A0	Engr Prop Coord	

**Table 8-920A-1**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All Bn and below units	All sections	920A0	Prop Book Off	
2	W3	Bde, Gp, Cmd and Rgt	All sections	920A0	PAT/PBO	
3		PERSCOM B&C	Log Off	920A0	Prop Book Off	
4		Bn, Sig CENTAG	S4	920A0	Prop Book Off	
5		Bn, SF Sp Ops Spt	Asset Visibility Br (Int'l PB Tm)	920A0	Prop Book Tm Chief	Second position graded W2.
6		Bn, SF Sp Opns Spt	Prop Book Tm (MMC)	920A0	Prop Book Off	
7		SUPCOM, DISCOM, Div; (Hvy, Abn, Aslt/LID)	RQN Edit-Doc Ctrl Reports Br	920A0	Chief	
8		Div, Arty	Admin-Log Sec Prop Book Sec	920A0	PAT/PBO	

**Table 8-920A-1**  
Standards of grade TOE/MTOE—Continued

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
9		Sqd, ACR	PB/CI VII Sec	920A0	Prop Book Off	Second position graded W2.
10		Bn, Bde Spt SIB	PB/CI VII Sec	920A0	Prop Book Off	Second position graded W2.
11		Bn, Spt Hvy Sep Bde	PB/CI VII Sec	920A0	Prop Book Off	ARNG. Second position graded W2.
12	W4	Bn, Inf (L) Spt	PB/CI VII Sec	920A0	Prop Book Off	
13		Corps, Fld Arty	G4 Sec	920A0	Prop Account Tech	
14		Bn, 3d Inf (Old Guard)	S&S Plt	920A0	Prop Book Off	
15		SF Bn SP Opns Spt	Catalog/Reports Br (MMC)	920A0	Prop Account Tech	
16		SUPCOM/DISCOM, Div; (Hvy, Abn, AASLT, LID)	Mgt, Asset Acctg Br CI VII	920A0	Div PBO	
17	W5	SF Bn SP Opns Spt	Asst Vis Sec PB/CI VII	920A0	Cmd Log Tech	
18		3rd Army	Supply Mgt Div (MMC) Sup & Svc Br	920A0	Cmd Log Tech	See note.

Notes:

Position may be filled by warrant officer holding Quartermaster Branch MOS 920A (Property Accounting Technician) or 920B (Supply Systems Technician).

**Table 8-920A-2**  
Standards of grade TDA

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	920A0	Property Account Tech	
2	W3	USA Tng Sch & Ctrs	All Tng Depts	920A8	Instructor	AERS position.
3		RSA Miesau	S-4	920A0	Prop Book Off	
4		SAM-ITS Pentagon		920A0	Property Account Tech	
5		Hq Inst Spt Act	Cen Issue Fac	920A0	Property Account Tech	Supporting more than 5,000 personnel.
6		USA Garrison & Comm (Med/SmI)	Consol Prop Bk Br	920A0	Property Account Tech	
7		All School Tng Bde and Tng Cmd	S4	920A0	Property Account Tech Staff Officer	
8		Army Depot	S4	920A0	Property Account Tech Staff Officer	
9		Scty Asst Tng Tm	All sections	920A8	Instructor	AERS position.
10		USA Joint Avn Spt	All sections	920A0	Project Officer	
11		USA Exercise Acty	All sections	920A0	Project Officer	
12		Eqp Mgt Ctr (K-Town)	Log Sec	920A0	Property Book Officer	
13		USA Air Def Arty	Insp Div and/or S4 Sec	920A0	Prop Acct Tech Insp	
14		USA Com/Elec Acty	Spt Svc Off	920A0	Property Account Tech	
15		USA Elm CENTAG	Sup Br	920A0	Instl PBO	
16		USA JTF Full Acct	Svc Br	920A0	Spt Log Tech	
17		USA Elm on Site Insp	Msn Equip Mgmt Sec	920A0	Property Account Tech	
18		USA Trp Cmd, Korea	Mission Spt	920A0	Property Account Tech	
19		USA Elm Kuwait	Sup Sec	920A0	Property Account Tech	
20		USA SETA 5th TA	S4 Sec	920A0	Property Book Officer	
21		USA Elm JT Latin Amer Sp	PB Off	920A0	Property Account Tech	
22		USA RC Spt Tms	S4	920A0	Property Book Officer	
23		USAJFKSWCS	PB Sec	920A0	Property Book Officer	
24		USA SP Opns Cmd	S-4 Sec	920A0	Property Account Tech	
25		NATO School	Resource Div	920A0	Property Book Officer	
26		USA Reserve Affairs	Sup & Svcs Div	920A0	Property Account Tech	
27		CASCOM	QMC&S Prod Dev Tm, QM/SSC Eval Tm	920A0	Property Account Tech	AERS/TWI position.
28		STARC/DARC/TARC	Any Sec/Br/Tng Site	920A0	Property Account Tech	Second position graded W2.
29		USA FA Ctr & Ft Sill	Consol Prop Book Br	920A0	Property Account Tech	
30		7th USA Tng Cmd	Prop Book Off	920A0	Property Book Officer	
31		USAISC MDW	Log Div	920A0	Property Book Officer	
32	W4	RES Comp Sup Grp 5th	Admin	920A0	Property Account Tech	
33		White House Comm Agc	STF Spt Unit Hq	920A0	Property Account Tech	
34		USA Tng Sch & Ctr	Tng Depts	920A0	Sr Instructor	AERS position. May be coded with SQI 8.
35		USA Garrison & Comm (Lrg)	DOL/S4	920A0	Property Book Officer	
36		Area Spt Grp	DOL/S4	920A0	Property Book Officer	
37		USA Spt (Outside DOD)	Dept of Justice, DEA	920A0	Property Account Tech	
38		USA Spt (Outside DOD)	ONCP	920A0	Property Account Tech	Second position also graded W4.
39		Scty Asst Tng Tm	All sections	920A0	Project Officer	

**Table 8-920A-2  
Standards of grade TDA—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
40		Eqp Grp Cbt (CEGE)	Red Cell	920A8	Property Account Tech	
41		USA Elm DNA Fld Cmd	Sup Br	920A0	Chief	
42		USAMA Staff & Fac	Dir Log	920A0	Chief	
43		USA Elm ACE (SHAPE)	DCSS	920A0	Property Account Tech	
44		Acg Mgt Agcy	Ft Bragg TF	920A0	Property Account Tech	
45		USA Svc Ctr Fr ARMED	Con Prop Mgmt Div	920A0	Chief	
46		USA OPTEC	Prop Mgmt Div	920A0	Property Account Tech	
47		USA Com & Elec Cmd	Opns Div	920A0	Property Account Tech	
48		USA Elm MNF Op Sinai	Prop Mgmt	920A0	Property Book Officer	
49		USA Joint Pln Spt	All sections	920A0	Project Officer	
50		USA Exercise Acty	All sections	920A0	Project Officer	
51		USA Elm On Site Insp	Nuclear Test Br, Msn Eqp	920A0	Logistics Tech Property	
			Mgmt Tm		Account Tech	
52		USA Hq Cbt Eqp (Kuwait)	MMC	920A0	Property Account Tech	
53		USA Trp Cmd, Korea	Mission Spt	920A0	Property Account Tech	
54		LOG Eval Agcy	CLRP Tm	920A0	Property Account Tech	
55		CASCOM	QM Prod Dev Tm, Unit	920A0	Property Account Tech	TWI position.
			Tng Div			
56		USAE Def Intel Agcy	Consol Prop Mgmt	920A0	Property Account Tech	
57		USA Hq SW Aisa	Log Sec	920A0	Property Account Tech	
58		Hq 1st U.S. Army	Log Mgmt Div	920A0	Property Account Tech	
59		Navajo Army Depot	Depot Prop Div	920A0	Property Account Tech	
60		Avn Cls Rep Act	Unit Sup Br	920A0	Br Chief	ARNG.
61		Reg Tng Site Mech	Hq/Log Sec	920A0	Tech Cord	
62		STARC/DARC/TARC	All Div & DOIM Internal	920A0	Property Account Tech	Second and subsequent positions graded W2.
			Review Mil Academy			
63		East/west ARNG Avn Tng Site	All sections	920A0	Property Account Tech	
64		ARNG Readiness Ctr	Any sections	920A0	Property Account Tech	
65	W5	CINC Hqs	DCSLOG	920A0	Cmd Log Tech	Note 1.
66		Eqp Grp Cbt (CEGE)	POMUS Sup Div	920A0	Chief	Second position graded W2.
67		CASCOM	QM Pers Prop Div Log	920A0	Chief	Note 2.
			Auto Dir			
68		USA QM Ctr & Sch	WO Tng Div	920A0	Chief	May be coded with SQI 8. Note 2. AERS position. Second and third position graded W4.
69		USA QM Ctr & Sch	CSA Awards Prog QM	920A0	Chief Eval CSA Prog	Second position graded W4.
			Auto			Note 2.
70		PERSCOM	WO Div	920A0	Pers Mgmt	
71		USA Svc Ctr Fr Army	Pentagon Con Prop Mgmt	920A0	Chief Sup Mgmt Off	
72		DA or MACOM IG	Insp Div	920A0	Logistics Tech	Note 1.
73		USA SP Op Cmd WS	ACS G4	920A0	Logistics Tech	Note 1.
74		STARC/DARC/TARC	All directorates	920A0	QM Policy Act Officer	Second position graded W2.
75		ARNG Readiness Ctr	Adm Sys/Svc Div	920A0	Property Account Tech	
		USA Troop Cmd Korea	Misc Support	920A0	Logistics Chief	First thru third position, subsequent positions graded W4.

Notes:

<sup>1</sup> Position may be filled by warrant officer holding Quartermaster Branch MOS 920A (Property Accounting Technician or 920B (Supply Systems Technician).

<sup>2</sup> Branch specific/MOS nonspecific. May be filled by warrant officer holding any QM MOS.

**Table 8-920B-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All Bn and below units or MMC	All sections	920B0	Supply Sys Tech	May be coded with SQI 7.
2	W3	All Bde, Grp, Cmd and Rgt	All sections	920B0	Supply Sys Tech	May be coded with SQI 7.
3		Ord Msl Spt Co, GS (EAC)	Tech Sup Sec	920B0	Supply Sys Tech	
4		Maint & Sup Co, GM/GS	Tech Sup Sec	920B0	Supply Sys Tech	
5		Co, QM Hvy MS GS TA/ AOE	Sup Opns Off	920B0	Supply Sys Tech	
6		Main Spt Bn	Sup Plt Hqs	920B0	Supply Sys Tech	
7		Co, Ord Maint SIB	Class IX Spt Sec	920B0	Supply Sys Tech	

**Table 8-920B-1**  
Standards of grade TOE/MTOE—Continued

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
8		Sqd, Spt ACR	Main Sup Sec, Material Sec	920B0	Supply Sys Tech	
9		Co, GS Maint	Sup Sec	920B0	Supply Sys Tech	
10		Bn, Sup and Svcs	Log /Ops Br	920B0	Supply Sys Tech	
11		Bn, (CS) Spt Cmd	Sup Plt Hqs	920B0	Supply Sys Tech	
12		Bn, SP Opns (SF)	Maint Div	920B0	Supply Sys Tech	
13		MMC, Spt Cmd, Hvy, AASLT, Abn Div	Repair Parts Br, Log Auto Sys Spt Sec	920B0	Supply Sys Tech	
14		MMC, COSCOM (Split Opns Deploy)	Class II, III & IV Pkg Br, Ground Maint Br ElecMaint Br, Avn Maint Br Autm/Svs Div	920B0	Supply Sys Tech	
15		MMC, TA	Wpn Sys Replace Opn Br	920B0	Supply Sys Tech	
16		MMC, TAACOM/TA	All Mat Br/Div	920B0	Supply Sys Tech	
17		MMC, TAACOM/ COSCOM/TA	All Equip Sup Br	920B0	Supply Sys Tech	
18		MMC, TAACOM/TA	Petrl & Wtr Mgt Div	920B0	Supply Sys Tech	
19		MMC, TAACOM/TA	Def Ind Sup Br	920B0	Supply Sys Tech	
20		HHC, Spt Bn, Hvy Sep Inf/ Mtz Bde	Material Off	920B0	Supply Sys Tech	
21	W4	MMC, Spt Cmd, Abn, AASLT & Hvy Div	Material Off	920B0	Sr Supply Sys Tech	
22		MMC, Spt Cmd LID	ASL Mgt Off CL I, III/IV Sup Br	920B0	Sr Supply Sys Tech	
23		MMC, COSCOM/ TAACOM/TA	Equip Auth Br	920B0	Sr Supply Sys Tech	
24		MMC, COSCOM (Split Ops Rear)	CL II, III Pkg & IV Br, Grd/ Elec/Avn Maint Br,Customer Svc Br	920B0	Sr Supply Sys Tech	
25		Area Spt Grp (ASG)	Dir of Materials	920B0	Sr Supply Sys Tech	
26	W5	Hq Army	Maint Br/Sup Br	920B0	Chief Sup Sys Tech	
27		Hq USAREUR	DCSLOG, Log Br	920B0	Chief Sup Sys Tech	Note 1.
28		Hq Theater Army	Log Coord Ctr	920B0	Chief Sup Sys Tech	
29		MMC, COSCOM/TAACO M/TA	Inv Adj Br	920B0	Chief Sup Sys Tech	
30		MMC, COSCOM/ TAACOM/TA	Cat File Maint Br	920B0	Chief Sup Sys Tech	Note 2. Second position in TA graded W4.
31		MMC, COSCOM	Readiness Ops Fiv	920B0	Chief Sup Sys Tech	
32		MMC, COSCOM	Log Sys Auto Br	920B0	Chief Syp Sys Tech	

Notes:

<sup>1</sup> Position may be filled by warrant officer holding Quartermaster Branch MOS 920A (Property Accounting Technician) or 920B (Supply Systems Technician).

<sup>2</sup> Branch specific/MOS nonspecific. May be filled by warrant officer holding any QM MOS.

**Table 8-920B-2**  
Standards of grade TOE/MTOE

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All Bn and below units or MMC	All sections	920B0	Supply Sys Tech	May be coded with SQI 7.
2	W3	All Bde, Grp, Cmd and Rgt	All sections	920B0	Supply Sys Tech	May be coded with SQI 7.
3		Ord Msl Spt Co, GS (EAC)	Tech Sup Sec	920B0	Supply Sys Tech	
4		Maint & Sup Co, GM/GS	Tech Sup Sec	920B0	Supply Sys Tech	
5		Co, QM Hvy MS GS TA/ AOE	Sup Opns Off	920B0	Supply Sys Tech	
6		Main Spt Bn	Sup Plt Hqs	920B0	Supply Sys Tech	
7		Co, Ord Maint SIB	Class IX Spt Sec	920B0	Supply Sys Tech	
8		Sqd, Spt ACR	Main Sup Sec, Material Sec	920B0	Supply Sys Tech	
9		Co, GS Maint	Sup Sec	920B0	Supply Sys Tech	
10		Bn, Sup and Svcs	Log /Ops Br	920B0	Supply Sys Tech	
11		Bn, (CS) Spt Cmd	Sup Plt Hqs	920B0	Supply Sys Tech	
12		Bn, SP Opns (SF)	Maint Div	920B0	Supply Sys Tech	
13		MMC, Spt Cmd, Hvy, AASLT, Abn Div	Repair Parts Br, Log Auto Sys Spt Sec	920B0	Supply Sys Tech	
14		MMC, COSCOM (Split Opns Deploy)	Class II, III & IV Pkg Br, Ground Maint Br ElecMaint Br, Avn Maint Br Autm/Svs Div	920B0	Supply Sys Tech	
15		MMC, TA	Wpn Sys Replace Opn Br	920B0	Supply Sys Tech	

**Table 8-920B-2  
Standards of grade TOE/MTOE—Continued**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
16		MMC, TAACOM/TA	All Mat Br/Div	920B0	Supply Sys Tech	
17		MMC, TAACOM/ COSCOM/TA	All Equip Sup Br	920B0	Supply Sys Tech	
18		MMC, TAACOM/TA	Petrl & Wtr Mgt Div	920B0	Supply Sys Tech	
19		MMC, TAACOM/TA	Def Ind Sup Br	920B0	Supply Sys Tech	
20		HHC, Spt Bn, Hvy Sep Inf/ Mtz Bde	Material Off	920B0	Supply Sys Tech	
21	W4	MMC, Spt Cmd, Abn, AASLT & Hvy Div	Material Off	920B0	Sr Supply Sys Tech	
22		MMC, Spt Cmd LID	ASL Mgt Off CL I, III/IV Sup Br	920B0	Sr Supply Sys Tech	
23		MMC, COSCOM/ TAACOM/TA	Equip Auth Br	920B0	Sr Supply Sys Tech	
24		MMC, COSCOM (Split Ops Rear)	CL II, III Pkg & IV Br, Grd/ Elec/Avn Maint Br,Cus- tomer Svc Br	920B0	Sr Supply Sys Tech	
25		Area Spt Grp (ASG)	Dir of Materials	920B0	Sr Supply Sys Tech	
26	W5	Hq Army	Maint Br/Sup Br	920B0	Chief Sup Sys Tech	
27		Hq USAREUR	DCSLOG, Log Br	920B0	Chief Sup Sys Tech	Note 1.
28		Hq Theater Army	Log Coord Ctr	920B0	Chief Sup Sys Tech	
29		MMC,COSCOM/TAACO M/TA	Inv Adj Br	920B0	Chief Sup Sys Tech	
30		MMC, COSCOM/ TAACOM/TA	Cat File Maint Br	920B0	Chief Sup Sys Tech	Note 2. Second position in TA graded W4.
31		MMC, COSCOM	Readiness Ops Fiv	920B0	Chief Sup Sys Tech	
32		MMC, COSCOM	Log Sys Auto Br	920B0	Chief Syp Sys Tech	

Notes:

1. Position may be filled by warrant officer holding Quartermaster Branch MOS 920A (Property Accounting Technician) or 920B (Supply Systems Technician).
2. Branch specific/MOS nonspecific. May be filled by warrant officer holding any QM MOS.

**Table 8-921A-1  
Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	921A0	Airdrop Sys Tech	
2	W3	Inf Bn ABCT	Airdrop Plt	921A0	Chief Airdrop Sys Tech	
3		QM, AD Eq & Spt Co Abn Div/Corps	Airdrop Plt Hq	921A0	Sr Airdrop Sys Tech	
4		QM AD Co	Airdrop Office	921A0	Sr Airdrop Sys Tech	
5		QM AD Eq Rep & Sup Co Corps/Div/TAACOM	Company Hq/Airdrop Plt Hq/Airdrop Spt Plt Hq	921A0	Sr Airdrop Sys Tech	
6		Airdrop Sup Det	Command Section	921A0	Sr Airdrop Sys Tech	
7		QM Heavy Airdrop Sup Co	Hvy Airdrop Plt Hq	921A0	Sr Airdrop Sys Tech	
8		QM Airdrop Eq	Rep & Sup Det Det Hq	921A0	Sr Airdrop Sys Tech	
9		Spt Co, SF Gp	Rig-Air Divy Section	921A0	Sr Airdrop Sys Tech	
10		Hq & Maint Spt Co, SOSB (Abn)	Airdrop Plt Hq	921A0	Ch, Airdrop Sys Tech	
11	W4	All Corps & COSCOMS	Mat Sec/Trans Spt Br	921A0	Sr Airdrop Sys Tech	

**Table 8-921A-2  
Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	921A0	AD Sys Tech	
2	W3	USAQMSCH Ft Lee	Man/Malf Office	921A0	Chief AD Sys Tech	
3		USAJFKSWCS	Prcht Rigger Sec	921A0	Chief AD Sys Tech	
4		USAG Alaska	Aerial Del	921A0	Chief AD Sys Tech	
5	W4	Hq Avn and Troop	ADE/GSE/Fld Spt Br	921A0	Sr AD Sys Tech	
6		USA Yuma Proving Grds	Airborne Test Br	921A0	Sr AD Sys Tech	
7		Def Depot New Cumberland	Susq Div	921A0	Sr AD Sys Tech	
8		CASCOM	QMC & S Prod Dev Tm	921A0	Sr, AD Sys Tech	
9	W5	Natick Labs Ctr	Prcht Engr Br	921A0	Master AD Sys Tech	
10		USA QM Sch & Ctr	Abn & Fld Svcs	921A0	Master AD Sys Tech	AERS position.

**Table 8–922A–1**  
**Standards of grade TOE/MTOE**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	Bde, Grp, Rgt, Div Arty, DISCOM, and below units	All sections	922A0	Cmd Food Svc Tech	
2	W3	Cmd/Area Spt Gps	Designated Staff	922A0	ASG Food Svc Tech	
3		Corps Artillery	ACofS G4	922A0	Cmd Food Svc Tech	
4		COSCOM	Service Section	922A0	Cmd Food Svc Tech	
5	W4	Corps	G4 Section	922A0	Cmd Food Svc Tech	Except 18th Abn Corps, 3rd and 7th Army.
6		Abn/ASSLT/Hvy/ Inf Div	CSS Cell/Main/Rear	922A0	Cmd Food Svc Tech	
7		HHB, ADCOM	G4	922A0	Cmd Food Svc Tech	
8		MMC, TAACOM/TA	Subsistence Br	922A0	Cmd Food Svc Tech	

**Table 8–922A–2**  
**Standards of grade TDA**

Line #	Grade	Unit description	Section description	MOS code	Position description	Remarks
1	W2	All units	All sections	922A0	Food Svc Tech	
2	W3	Large U.S. Army Garrison and Tng Ctr	Designated Staff Sec	922A0	Inst Food Svc Tech	
3		USARSO	Log Div	922A0	Food Svc Tech	
4		Hq AMC	S-4 Sec	922A0	Food Svc Tech	
5		USASIGC	Food Svc Br	922A0	Food Svc Tech	
6		USA Tng Ctr	All Tng Depts	922A8	Instructor	AERS position.
7		Hq USAEC	Food Advisory	922A0	Food Advisor	
8		USA QM Sch & Ctr	Fld Opns Tng or Subs Mgt Tng	922A8	Instructor	
9		USA Trp Cmd Korea	EUSA Food Mgt Asst	922A0	Sr Food Svc Tech	Second position graded W2.
10		USA Strategic Def Hq	Community Svc	922A0	Din Facility Mgr	
11		USAG Alaska	Food Svc	922A0	Food Svc Tech	
12		ARNG Tng Site	TISO Br or Food Svc Br	922A0	Food Svc Tech	
13		Div Tng Spt Bde	S-4 Sec, Food Svc Sec	922A0	Food Svc Tech	USAR. Second position graded W2.
14		STARC/DARC/ TARC	Any Div/Sec/Br	922A0	Food Svc Tech	
15	W4	USA QM Sch & Ctr	Cul Skls Tng Dept	922A8	Instructor	
16		Gen Off Mess	Gen Off Mess #1	922A0	Facility Mgr	
17		CASCOM & Ft Lee	QMC & S Prod Dev Tm	922A0	Food Svc Tech	
18		UASR Cmd Hq	Supply & Svc Div	922A0	Food Svc Tech	
19		STARC/DARC/ TARC	G-4 or Dir of Log	922A0	Food Svc Tech	
20		USACAPOC	G-4	922A0	Food Svc Tech	USAR. Second position graded W3. USAR.
21		All FT Tech Grp	Designated Staff	922A0	Sr Food Svc Tech	
22		ARNG Readiness Ctr	Log Dir	922A0	Sr Food Svc Tech	
23	W5	USA QM Sch & Ctr	Ofc Army FD	922A0	Army Food Svc Adv	AERS position.
24		USA Elm Wash Hq	Sec Def Mess	922A0	Sr Food Svc Adv	
25		ARNG Readiness Ctr	Army Log Dir (NGB-Arl)	922A0	Sr Food Svc Adv	

## Chapter 9 Enlisted Classification System

### 9–1. General

The following chapters in this part provide the procedural guidance for the classification of enlisted personnel and positions. This publication is a complete compilation of authorized classification identifiers for enlisted personnel and standards for grading enlisted positions in authorization documents. No other classifications will be used for enlisted soldiers in authorization documents or strength reporting requirements.

### 9–2. Changes to the enlisted personnel classification system

Recommendations to the enlisted classification system for additions, revisions or deletions should be submitted as provided in AR 611-1.

### 9–3. Grading positions in authorization documents

a. The SG tables are listed separately after the MOS specifications (see chapter 10). The standards provide duty position titles, MOSC, grades and grading patterns.

(1) The grading standards do not include all duty positions for skill level 1. The following duty positions may be classified in the proper MOS at skill level, in the grade shown below:

- (a) Light truck driver—PFC.
- (b) Radio-telephone operator—PFC.
- (c) Power generator operator—PFC.

(2) For driver positions not in a motor transport function graded by MOS 88M (Motor transport operator):

(a) If motor-transport-type function exists in the organization in a large number, the positions may be classified and graded per the SG for MOS 88M.

(b) Positions that require technical MOS qualifications in which driving is either incidental or an additional duty should be classified and graded per the technical MOS concerned. Drivers should be given a technical duty position title with the driver qualifications

footnoted in the REMARKS section of the organizational manning document.

(c) When positions in an organizational element involve only driving, the positions should be titled as vehicle driver and graded PFC. These positions should be classified in skill level 1 in the most closely related MOS to the technical function of the organizational element.

(d) Tracked personnel carrier driver positions for a crew, team, or squad not classified and graded per MOS 88M SG will be classified in the predominant MOS and graded by the SG for that MOS. If grading is not provided in the specific MOS SG, these positions will be graded PFC.

b. Grading patterns should be applied to the lowest identified organizational level of the TOE/TAADS-R unless otherwise shown in explanatory notes. For example, if a paragraph includes 20 non-supervisory positions that are further distributed into five squads, the pattern should be applied to the four-position squad. The results would then be rolled up by multiplying the squad distribution by five and including the total at the paragraph level.

c. Key enlisted positions that involve significant enlisted leadership or responsibility is graded SSG, SFC, MSG or SGM. Grading of these positions is contained in a MOS specific SG.

(1) *Squad leader positions.* These positions will be classified in the predominate MOS of the squad and in a MOSC with skill level 3. The duty position title Squad leader is appropriate for use with any MOS identified in a valid squad leader position.

(2) *Platoon sergeant positions.* These positions will be classified in the predominate MOS of the platoon and in a MOSC with skill level 4. The duty position title Platoon sergeant is appropriate for use with any MOS identified in a valid Platoon sergeant position. The grade will reflect SFC.

(3) *Detachment sergeant positions.* These positions will be classified in the MOS at skill level 4, most closely related to the primary mission of the unit. The duty position title of the Detachment sergeant is appropriate for use with any MOS identified in a valid Detachment sergeant position.

(4) *First sergeant positions.* These positions will be classified in the MOS at skill level 5, most closely related to the primary mission of the unit. The MOSC will reflect SQI "M".

(5) *Senior staff NCO positions.* Senior staff NCO positions are graded SGM and are authorized per guidance contained in chapter 10. No other use will be made of this duty position title.

(6) *Command sergeant major positions.* These positions will be classified in MOS 00Z only at skill level 5 (see chapter 10 for specifications on MOS 00Z).

#### 9-4. Military occupational specialty

The MOS is a broad occupational identifier of types of skill without regard to levels of skill.

#### 9-5. MOS specifications

The MOS specifications contain information required for the classification of positions and personnel and describe significant duties performed in representative positions that compose the MOS. The title normally is a short summary of the full scope of the specialty, and the accompanying three-character MOS designator provides the basis for coded applications of the MOS in various management systems and data bases. The MOS specifications contain—

a. *Major duties.* A narrative paragraph that summarizes the most significant tasks performed in the MOS at each level of skill. If two or more skill levels are authorized for use with an MOS, they are cumulative in nature. If a MOS at a given skill level results from merging two or more MOS, the ability to perform duties in one of the source MOS is required. Technical and functional responsibilities of source MOS are provided in the MOS specifications.

b. *Physical demands.* Physical demands rating and qualifications for initial award of MOS.

(1) *Physical demands rating.* The physical demands rating indicates the relative physical work requirements of a soldier to perform the MOS in a combat environment. The rating is the result of a

physical demands analysis that assesses in detail the physical work requirements for every entry level MOS. The military enlistment physical strength capacity test, developed to classify each MOS according to work requirements as those requirements should be performed under combat conditions, is designed to assign soldiers to jobs for which they are physically qualified. The overall objective of MOS Physical Demands Analysis is job-related support for the gender-free screening of soldiers. Pending publication of an Army Regulation outlining personnel proponent responsibilities and methodology for assessing physical demands, the procedures outlined in Women in the Army Policy Review, appendix G, 12 November 1982 will be utilized by personnel proponents to prepare physical demands analysis work sheets. Completed work sheets will be forwarded to CG PERSCOM, ATTN: TAPC-PLC-C, Suite 3N59, 200 Stovall Street, Alexandria, VA 22332-0406. The MOS specifications in chapter 10 describe the general physical performance duties at each skill level. These duties should be used to assess the need for MOS reclassification due to physical limitations and to aid in the selection of suitable MOS for those soldiers requiring reclassification. The five physical demands categories are:

(a) **LIGHT**—Lift on an occasional basis a maximum of 20 pounds with frequent or constant lifting of 10 pounds.

(b) **MEDIUM**—Lift on an occasional basis a maximum of 50 pounds with frequent or constant lifting of 25 pounds.

(c) **MODERATELY HEAVY**—Lift on an occasional basis a maximum of 80 pounds with frequent or constant lifting of 40 pounds.

(d) **HEAVY**—Lift on an occasional basis a maximum of 100 pounds with frequent or constant lifting of 50 pounds.

(e) **VERY HEAVY**—Lift on an occasional basis over 100 pounds with frequent or constant lifting in excess of 50 pounds.

(2) *Physical profile series (PULHES).*

(a) The PULHES identifies the broad physical demands of a MOS and the physical ability required of an individual to perform the duties required by the MOS. The physical profile serials associated with individual MOS provide a more precise means of matching individuals to positions. The physical profile serial PULHES classifies physical abilities in terms of six factors designated as follows:

1. P—Physical capacity or stamina.

2. U—Upper extremities.

3. L—Lower extremities.

4. H—Hearing and ear.

5. E—Eyes.

6. S—Psychiatric.

(b) Physical profile serials associated with the various MOS are guides only used to determine the initial selection of basic combat trainees (including enlistees for MOS options) for advanced individual training. The profile established at the Military Entrance Processing Station (MEPS) is the basis for determining initial training assignments for all personnel entering the Army.

(c) The PULHES listed for each MOS will not be used as the sole basis for determining PMOS retention, disqualification, reclassification, or change when a soldier is issued a profile with a "3" or "4" in one or more of the PULHES factors. The issuance of a profile indicates to the commander that a detailed review of the soldier's medical condition is appropriate.

(3) *Color vision.* A statement depicting normal color vision or red/green color discrimination, as required. Color vision requirements are defined as follows:

(a) Normal color vision is the ability to pass any of the pseudo-isochromatic tests for color vision in current use.

(b) Red/green color discrimination is the ability to distinguish between red and green, either by printed chart, a projected chart, lantern or other clinically valid method.

(4) *Aptitude area (AA) score.*

(a) The subtests for determining the composites are: General Science (GS); Arithmetic Reasoning (AR); Word Knowledge (WK); Paragraph Comprehension (PC); Numerical Operations (NO); Coding Speed (CS); Auto and Shop Information (AS); Mathematics Knowledge (MK); Mechanical Comprehension (MC); Electronics

Information (EI); and Sum of Word Knowledge and Paragraph Comprehension (VE). Current aptitude area composites used for MOS selection are as follows:

1. CL—Clerical—VE+AR+MK
2. CO—Combat—AR+CS+AS+MC
3. EL—Electronics—GS+AR+MK+EI
4. FA—Field Artillery—AR+CS+MK+MC
5. GM—General Maintenance—GS+AS+MK+EI
6. GT—General Technical—VE+AR
7. MM—Mechanical Maintenance—NO+AS+MC+EI
8. OF—Operators and Food—VE+NO+AS+MC
9. SC—Surveillance and Communications—VE+AR+AS+MC
10. ST—Skilled Technical—GS+VE+MK+MC

(b) The personnel proponent, with the concurrence of the Commanding General, TRADOC will recommend a minimum AA score(s) for each initial entry MOS qualification in chapter 10. The ODCSPER must approve all AA composites and AA scores. Soldiers who meet AA score requirements in a feeder MOS qualify for progression to designated capper MOS at the appropriate decision point. Special programs or DA regulatory guidance may reflect AA scores for non-entry level MOS; however, approval must be obtained thru the MOCS process (see AR 611-1).

(c) The relationships of AA and MOS primarily determine the selection of enlisted personnel for attendance at service schools or training center courses. While AA scores should be used as an indicator of individual strengths and weaknesses for reclassification and similar purposes, the demonstrated ability, enthusiasm, and the interests of the soldier and needs of the Army should be the dominant factors in such personnel decisions.

(d) AA scores for an ASI will not be more restrictive than those for the associated MOS, unless DCSPER approves the request as an exception to policy.

(5) *Training specifications.*

(a) Formal training. A course of instruction that follows a program of instruction prepared or approved by the MOS proponent and taught in a structured training environment by an Army, Navy, Air Force or Marine Corps service school, Army Training Center, NCO Academy, USAR Forces School, ARNG Academy, contract training facility, or civilian training administered under contract with a proponent school or a USAR or ARNG organization. This includes Reserve Component-configured courses.

(b) Civilian acquired skills (CAS). Those skills acquired through attendance at a vocational, technical or other recognized educational institute and requisite experience in those skills before enlistment. Educational achievements are verified by issuance of a diploma or certificate. AR 601-210 lists those MOS approved for the CAS program and the prerequisites for award of a MOS.

(c) Supervised on-the-job training (SOJT). A program used only if formal training, correspondence courses, vocational/technical/college courses, contract training, or other TRADOC approved MOS producing courses are unavailable. Commanders must take advantage of professional development, MOS transition courses, refresher courses, and all other available courses to build an effective SOJT program. Both Active Army and Reserve Component SOJT Programs will include:

1. Approval to use SOJT from the first general officer in the chain of command.
2. A list of tasks to be trained that parallels the existing trainer's guide/soldier's manual task list for that particular MOS.
3. Assurance that all structured educational medias are included in the program.
4. Milestones for completion of training that require completion in a time frame equal to or greater than the time allotted for the approved mobilization course.
5. And of course evaluation measured to Army standards.
6. Course data and training facility.

(6) *Miscellaneous qualifications.* Some MOS require additional qualifications for award of MOS. Each MOS is independent of each other and the proponent school must articulate the requirements for

the specific MOS. Some other qualifications may include but not limited to:

- (a) Security clearance rating.
- (b) State U.S. citizenship.
- (c) Identify regulatory guidance for additional requirements.
- (d) Equipment qualification.

c. *ASI.* Chapter 12 describes positions, qualifications and restrictions for award of ASIs. Identified with each MOS specification are those ASIs specifically related to a particular MOS.

d. *Physical requirements and SG table* See chapter 10.

(1) The physical requirements table defines by skill level those physical requirements normally demanded of the duties performed in the MOS and supports the physical demands rating discussed in the above paragraph.

(2) The SG table provides typical duty position titles, grades and grading patterns for the MOS for enlisted positions in authorization documents.

## Chapter 10 Qualifications for and duties of specific military occupations

The following information covers the career progression charts for career management fields and MOS specifications. Paragraphs 10-1 through 10-33 are reserved paragraphs. Career progression information is shown in figures 10-11 through 10-98.

### 10-34. 00B—Diver, CMF 51

a. *Restriction on use of MOS.* Use of this MOS in non-engineer TOE/MTOE or in TDA must be authorized in writing by HQDA. Requests will be submitted with justification through Commandant, U.S. Army Engineer School, ATTN: ATSE-EP, Fort Leonard Wood, MO 65473-5000 to Commander, U.S. Army Force Management Support Agency, ATTN: MOFI-TRP-L, Fort Belvoir, VA 22060-5587.

b. *Major duties.* The diver supervises or performs underwater reconnaissance, demolition, repair, and salvage. Duties for MOS 00B at each level of skill are:

(1) *MOSC 00B10.* Performs underwater work as directed from topside supervisor or lead diver. Operates power support equipment, emplaces demolitions and performs as secondary air systems operator during diving and recompression chamber operations.

(2) *MOSC 00B20.* Performs as lead diver during underwater work. Prepares patching materials and pumps for salvage operations. Prepares explosives for placement. Prepares rigging and lifting devices for salvage of submerged objects. Assists diving supervisor in preparing equipment for diving operations. Performs as primary operator on air systems and underwater support equipment during diving and recompression chamber operations.

(3) *MOSC 00B30.* Performs as senior diver and supervises diving operations. Directs preparation and operation of diving equipment and water craft support platforms. Supervises calculation, training, and use of explosives. Supervises use of underwater hydraulic and electric power equipment and other special underwater tools. Supervises recompression chamber and life support equipment during diving and emergency operations.

(4) *MOSC 00B40.* Performs as a qualified Master Diver for lightweight diving teams. Supervises diving operations for dives deeper than 100 feet salt water. Supervises recompression therapy for diving injuries and coordinates medical support. Prepares detailed plans and reports for complex diving operations. Supervises use, training, and safety during demolitions missions. Assists the team leader during planning, scheduling, and execution of diving missions.

(5) *MOSC 00B50.* Performs as a qualified Master Diver for the control and support diving detachments and responsible for the command and control of assigned lightweight diving teams. Ensures all diving operations are conducted safely. Supervises deep sea diving missions and dives conducted deeper than 100 feet salt water. Formulates demolition plan for operational and training missions.

Assists the commander in planning, scheduling and executing training and operational missions. Provides expertise to staff planners and diving teams. Writes and develops doctrinal, regulatory, training, and safety material related to the accomplishment of diving missions.

*c. Physical demands rating and qualifications for initial award of MOS.* Divers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111111.
- (3) A minimum score of 100 in aptitude area GM and a standard score of 110 or higher in aptitude area GT or ST.
- (4) The medical fitness standards for diver per AR 40-501.
- (5) MOSC qualification per AR 611-75 at each level of skill.
- (6) The mandatory formal training.

*d. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*e. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-00B-1.* Physical requirements.
- (2) *Table 10-00B-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-00B-3.* Standards of grade TDA.

### **10-35. 00E—Recruiter (Army National Guard) and Recruiter (U.S. Army Reserves) (Rctr ARNG/USAR), CMF 79**

*(Rescinded.)*

### **10-36. 00R—Recruiter and Retention NCO (Active Army) (Rctr/Retn NCO), CMF 79**

*(Rescinded.)*

### **10-37. 00Z—Command Sergeant Major**

The CSM is the senior enlisted trainer and spokesperson that enforces established policies and standards for enlisted soldiers pertaining to performance, care, conduct, appearance, effective personnel utilization and management and training; and ensures that subordinate NCOs do the same. Duties for MOS 00Z are:

*a. Major duties.*

- (1) Provides advice and makes recommendations to the commander and staff on all matters pertaining to enlisted soldiers and their families.
- (2) Accompanies the commander on inspections, visits and ceremonies.
- (3) Assists in inspection of command activities, facilities and personnel as prescribed by the commander.
- (4) Ensures adherence to command policies.
- (5) Holds first sergeants' or sergeants' major call to announce information and instruction.
- (6) Ensures that newly assigned enlisted personnel are instructed in military courtesy, customs of the service and command regulations or policies.
- (7) Responsible for monitoring training or conducts training of enlisted soldiers. Assesses training at all levels and provides feedback to appropriate commanders and leaders.
- (8) Provides counsel and guidance to NCOs and other enlisted soldiers of the command.
- (9) Responsible for and provides guidance on Non-Commissioned Officer Education System (NCOES) and Non-Commissioned Officer Development Program (NCODP).
- (10) Inspects duties performed by subordinate NCOs.
- (11) Notes discrepancies and initiates appropriate corrective action.
- (12) Assists in reception of visitors to the command.
- (13) Serves as president or member of command promotion board or removal board for NCOs, as authorized by regulations.
- (14) Sits as chairperson or member of a command's "Military

Member of the Quarter/Year" competition for enlisted soldiers or NCOs, as directed by local regulations.

(15) Responsible for quality, control and training of noncommissioned officer evaluation reports (NCOER) while ensuring timely submissions. Reviews evaluation reports to determine compliance with policies and procedures and recommends corrective actions on deficiencies to commanders, other leaders and rating officials.

(16) Performs other duties prescribed by the commander.

(17) Assists in the professional development of junior and company grade officer.

*b. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-00Z-1.* Physical requirements. N/A.
- (2) *Table 10-00Z-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-00Z-3.* Standards of grade TDA.

### **10-38. 02—Band Member, CMF 97**

*a. MOS breakdown for band member (MOS 02—).* This paragraph covers 16 individual instrument players. By MOS they are—

- (1) Cornet or trumpet player, MOS 02B.
- (2) Euphonium player, MOS 02C.
- (3) French horn player, MOS 02D.
- (4) Trombone player, MOS 02E.
- (5) Tuba player, MOS 02F.
- (6) Flute player, MOS 02G.
- (7) Oboe player, MOS 02H.
- (8) Clarinet player, MOS 02J.
- (9) Bassoon player, MOS 02K.
- (10) Saxophone player, MOS 02L.
- (11) Percussion player, MOS 02M.
- (12) Keyboard player, MOS 02N.
- (13) Special band member, MOS 02S.
- (14) Guitar player, MOS 02T.
- (15) Electric bass player, MOS 02U.
- (16) Bands senior sergeant, MOS 02Z.

*b. Major duties.* The brass, woodwind, or percussion player supervises an instrumental section and plays a brass, woodwind, or percussion instrument as a musician in a military band. Duties for MOS 02B, 02C, 02D, 02E, 02F, 02G, 02H, 02J, 02K, 02L, 02M, 02N, 02T and 02U at each level of skill are:

(1) *MOSC 02-10.* Performs all applicable styles of music on an instrument. Expected styles include, but are not limited to, the following: marching band, ceremonial band, concert band, "classical", jazz, ethnic, and "popular" music compositions. Performs on a musical instrument in a variety of ensembles, ranging from solo performance to full concert band. Tunes an instrument to a given pitch. Transposes moderately easy music. Discriminates and matches pitch. Performs operator maintenance on a musical instrument. Augments local security during periods of heightened combat intensity as required.

(2) *MOSC 02B.* For MOS 02B only, performs bugle calls in ceremonies. For MOS 02K and 02H only, doubles on another instrument in marching band. For MOS 02N, 02T, and 02U only, augments the percussion section in marching and concert bands.

(3) *MOSC 02-20.* Performs duties shown in preceding level of skill, and provides technical guidance to lower grade personnel. Performs duties in administration, training, supply, and/or operations as required.

(4) *MOSC 02-30.* Performs duties shown in preceding levels of skill, and provides technical guidance to lower grade personnel. Organizes, instructs, and trains a section or consolidated section of related instrumentalists. Instructs section members in marching band movements. Supervises section operator maintenance. Counsels and evaluates section/squad members. Performs as Drum Major. Repairs instruments. Serves as audio/recording operator or librarian.

(5) *MOSC 02-40.* Performs duties shown in preceding levels of skill, and provides technical guidance to lower grade personnel. Supervises band support positions (administrative, supply, operations/training). Trains and leads the stage band. Assists with concert band training.

(6) *MOSC 02-50*. Performs duties shown in preceding levels of skill, and provides technical guidance to lower grade personnel. Advises the commander on all aspects of band operations and serves as the band commander in the absence of the band commander. Is the principal enlisted conductor of the band.

*c. Physical demands rating and qualifications for initial award of MOS.* The band member must possess the following qualifications:

(1) A physical demands rating of light for MOS 02B, 02D, 02G and 02J and medium for 02C, 02E, 02F, 02H, 02K, 02L, 02M, 02N, 02T and 02U.

(2) A physical profile of 222222.

(3) Meet qualifications listed in AR 614-200 or the civilian acquired skills criteria listed in AR 601-210.

*d. Additional skill identifiers.* ASIs for any 02 series MOS are:

(1) C1—MACOM Band Qualified.

(2) P5—Master Fitness Trainer.

(3) 2S—Battle Staff Operations (skill level 3 and above).

(4) 4A—Reclassification Training.

*e. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-02-1.* Physical requirements.

(2) *Table 10-02-2.* Standards of grade TOE/MTOE.

(3) *Table 10-02-3.* Standards of grade TDA.

### 10-39. 02S—Special Band Member, CMF 97

*a. Major duties.* The special Band Member performs as a musician or in direct support of the mission of The U.S. Army Band, U.S. Army Field Band, U.S. Military Academy Band, or the 3rd Infantry (The Old Guard) Fife and Drum Corps. Use of MOS 02S is restricted to the special bands only. Duties for MOS 02S at each level of skill are:

(1) *MOSC 02S30.* Performs as instrumentalist or vocalist in field music detachment or special band. Serves in administrative, training, supply, or operations positions.

(2) *MOSC 02S40.* Performs as solo instrumentalist or vocalist, NCO in an instrumental group, band support technician, administrative and supply support, library support, and a senior vocalist music annotator/commentator.

(3) *MOSC 02S50.* Serves as principal NCO in instrumental or vocal group, special band, or support section.

*b. Physical demands rating and qualifications for initial award of MOS.* The special Band Member must possess the following qualifications:

(1) Physical demands rating—N/A.

(2) A physical profile of 222222.

(3) Be acceptable to commander of special band.

(4) Meet qualifications listed in AR 614-200 or the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) 2S—Battle Staff Operations (skill level 3 and above).

(3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-02S-1.* Physical requirements.

(2) *Table 10-02S-2.* Standards of grade TOE/MTOE.

(3) *Table 10-02S-3.* Standards of grade TDA.

### 10-40. 02Z—Bands Senior Sergeant, CMF 97

*a. Major duties.* The bands senior sergeant supervises military musical activities of division, Army, and MACOM bands. Serves as unit First Sergeant or Sergeant Major and enlisted conductor of the band.

*b. Physical demands rating and qualifications for initial award of MOS.* Bands senior sergeants must possess the following qualifications:

(1) Physical demands rating—N/A.

(2) Physical profile of 222222.

*c. Additional skill identifiers.*

(1) C1—MACOM Band Qualified.

(2) P5—Master Fitness Trainer.

(4) 2S—Battle Staff Operations.

(5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-02Z-1.* Physical requirements.

(2) *SGA for MOS 02Z.* SGA for MOS 02Z are included in Table 10-02\_\_-3, with those of 02\_\_.

### 10-41. 11B—Infantryman, CMF 11 (Closed to women - see chapter 13)

*a. Major duties.* The infantryman supervises, leads, or serves as a member of an infantry activity that employs individual or crew served weapons in support of offensive and defensive combat operations. Duties for MOS 11B at each level of skill are:

(1) *MOSC 11B10.* Assists in the performance of reconnaissance operations. Employs, fires, and recovers anti-personnel and anti-tank mines. Locates and neutralizes mines. Operates, mounts/dismounts, zeros, and engages targets using night vision sight. Operates and maintains communications equipment and operates in a radio net. Operates in a NBC contaminated area. Constructs field expedient firing aids for infantry weapons. Performs as a member of a fire team during a movement to contact, reconnaissance, and security, an attack, defense, situational training exercises and all infantry dismounted battle drills. Processes prisoners of war and captured documents.

(2) *MOSC 11B20.* Performs duties shown in preceding level of skill. Leads an infantry team in combat operations, providing tactical and technical guidance to subordinates and professional support to both superiors and subordinates in the accomplishment of their duties. Leads, supervises, and trains subordinate personnel. Calls for and adjusts indirect fire. Evaluates terrain and selects weapon emplacement. Controls organic fires. Installs and recovers anti-handling devices on anti-tank mines and electrical and non-electrical demolition charges. Supervises construction of hasty fortifications and receipt, storage, and issue of ammunition. Records operational information on maps. Receives and implements combat orders, directs deployment of personnel in offensive, defensive, and retrograde operations. Requests, observes, and adjusts direct supporting fire. Evaluates terrain and supervises the emplacement of sighting and firing all assigned weapons. Uses maps and map overlays, performs intersection and resection, and determines elevation and grid azimuths. Leads a fire team during a movement to contact, reconnaissance and security, an attack, defense, situational training exercises, and all infantry dismounted battle drills.

(3) *MOSC 11B30.* Performs duties shown in preceding level of skill. Leads an infantry squad and/or a reconnaissance (scout) team during combat operations. Supervises tactical deployment of assigned element in offensive, defensive, and retrograde operations. Provides tactical and technical guidance to subordinates and professional support to both subordinates and superiors in the accomplishment of their duties. Receives and issues orders. Coordinates action of the element with adjacent and support elements and organic and supporting fire power. Ensures collection and proper reporting of intelligence data to unit. Adjusts aerial fire support. Analyzes terrain. Conducts tactical operations for a squad, operations of a patrol base, and NBC operations. Maintains operational security. Prepares, operates, and maintains secure communications equipment. Leads a squad during movement to contact, reconnaissance and security, an attack, defense situational training exercises, and all infantry dismounted battle drills.

(4) *MOSC 11B40.* Performs duties shown in preceding level of skill. Supervises an infantry or reconnaissance (scout) platoon in combat operations and intelligence information gathering. Leads a platoon during a movement to contact, reconnaissance and security, an attack defense, situational training exercises, and all infantry dismounted battle drills. Provides tactical and technical guidance to

subordinates and professional support to both subordinates and superiors in the accomplishment of their duties. Supervises the occupation of an assembly area. Employs NBC defensive teams. Plans for, supervises preparation of, and conducts NBC operations. Performs battle damage assessment. Develops a platoon training plan.

(5) *MOSC 11B50*. Performs duties shown in preceding level of skill. Supervises an infantry company in combat. Plans, coordinates, supervises, and participates in activities pertaining to organization, training, combat operations, and intelligence of units at battalion or higher. Provides tactical and technical guidance to subordinates and professional support to both subordinates and superiors in the accomplishment of their duties. Serves as the principal noncommissioned officer in an infantry company; supervising the processing of operations and intelligence information in an infantry battalion or higher level unit.

*b. Physical demands rating and qualifications for initial award of MOS.* Infantrymen must possess the following qualifications—

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111221.
- (3) Color discrimination of red/green.
- (4) Correctable vision of 20/20 in one eye; 20/100 in other eye.
- (5) A minimum score of 90 in aptitude area CO.
- (6) Formal training (completion of MOS 11B course conducted under the auspices of the USA Infantry School) mandatory.

*c. Additional skill identifiers.*

- (1) B4—Sniper.
- (2) C2—DRAGON Gunnery.
- (3) F7—Pathfinder.
- (4) P5—Master Fitness Trainer.
- (5) Q8—Tactical Air Operations.
- (6) W7—Special Forces Underwater Operations.
- (7) W8—Special Forces Military Free Fall Operations.
- (8) 2C—JAVELIN Gunnery (skill level 3 and below).
- (9) 2S—Battle Staff Operations (skill level 3 and above).
- (10) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-11B-1*. Physical requirements.
- (2) *Table 10-11B-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-11B-3*. Standards of grade TDA.

#### **10-42. 11C—Indirect Fire Infantryman (Indirect Fire Infm), CMF 11 (Closed to women - see chapter 13)**

*a. Major duties.* The indirect fire infantryman serves as a supervisor or as a member of a mortar squad, section, or platoon. Employs crew and individual weapons in offensive, defensive and retrograde ground combat tactical operations. Duties for MOS 11C at each level of skill are:

(1) *MOSC 11C10*. Employs, fires, and recovers anti-personnel and anti-tank mines. Performs self extraction from a mine field. Locates and neutralizes mines. Navigates from one point on the ground to another. Orients a map. Operates and maintains communications equipment and operates in a radio net. Operates in a NBC contaminated area. Emplace and recover early warning devices. Constructs and camouflages individual/crew served weapons firing position. Constructs and camouflages a mortar firing position. Maintains mortars and fire control equipment. Performs safety checks on mortars. Performs as a member of a mortar squad providing indirect fire support.

(2) *MOSC 11C20*. Performs duties shown in preceding level skill. Leads and controls mortar squads. Supervises and trains subordinate personnel. Provides tactical and technical guidance to subordinates and professional support to subordinates and superiors in the accomplishment of their duties. Supervises the construction of mortar positions. Records operational information on maps. Receives and implements combat orders; directs deployment of personnel in offensive, defensive, and retrograde operations. Requests, observes, and adjusts indirect supporting fire. Supervises subordinate personnel in all phases of individual and mortar equipment maintenance.

Uses map and map overlays, performs intersection and resection, and determines elevations and grid azimuth. Prepares fire plans, target lists and overlays. Prepares and computes firing data using below pivot point and grid method. Reciprocally lay mortars. Prepares mortar ballistic computer for operation.

(3) *MOSC 11C30*. Performs duties shown in preceding level of skill. Leads a mortar section. Provides tactical and technical guidance to subordinates and professional support to both subordinates and superiors in the accomplishment of their duties. Receives and issues orders. Coordinates indirect fire support for the mortar. Ensures collection and proper reporting of intelligence data to unit. Supervises a firing section and various work details. Analyzes terrain. Conducts tactical operations for a squad and NBC operations. Maintains operational security. Prepares, operates, and maintains secure communications equipment. Reciprocally lay mortars. Consolidates and reorganizes a mortar squad. Supervises fire direction center personnel.

(4) *MOSC 11C40*. Performs duties shown in preceding level of skill. Leads mortar or infantry weapons platoon. Assists in planning (to include fire planning), organizing, directing, supervising, training, coordinating, and reporting activities of subordinate mortar sections and squads. Provides tactical and technical guidance to subordinates and professional support to subordinates and superiors in the accomplishment of their duties. Supervises occupation of an assembly area. Employs NBC defensive team. Plans for, supervises preparation of, and conducts NBC operations. Performs battle damage assessment. Develops a platoon training plan. Conducts graphic resection and hasty surveys.

(5) *MOSC 11C50*. Performs duties shown in preceding level of skill. Supervises a mortar platoon. Assists in planning (to include fire planning), organizing, directing, supervising, training, coordinating, and reporting activities of subordinate mortar sections and squads. Provides tactical and technical guidance to subordinates and professional support to both subordinates and superiors, which also includes recommendations in the accomplishment of their duties. Serves as the principal noncommissioned officer in an infantry headquarters and headquarters company and supervises the processing of operation and intelligence information in an infantry battalion or higher level unit. Plans, coordinates, supervises, and participates in activities pertaining to organization, training, and combat operations and intelligence of units at battalion or higher level.

*b. Physical demands rating and qualifications for the initial award of MOS.* Indirect fire infantrymen must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111221.
- (3) Color discrimination of red/green.
- (4) Correctable vision of 20/20 in one eye; 20/100 in other eye.
- (5) A minimum score of 90 in aptitude area CO.
- (6) Formal training (completion of MOS 11C course conducted under the auspices of the USA Infantry School) mandatory.

*c. Additional skill identifiers.*

- (1) F7—Pathfinder.
- (2) P5—Master Fitness Trainer.
- (3) W8—Special Forces Military Free Fall Operations.
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-11C-1*. Physical requirements.
- (2) *Table 10-11C-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-11C-3*. Standards of grade TDA.

#### **10-43. 11H—Heavy Anti-armor Weapons Infantryman (Heavy Anti-armor Wpn Infm), CMF 11 (Closed to women - see chapter 13)**

*a. Major duties.* The heavy anti-armor weapons infantryman leads or serves as a member of a crew-served weapon squad, section, or platoon employing heavy anti-armor crew-served weapons

in offensive and defensive combat operations. Duties for MOS 11H at each level of skill are:

(1) *MOSC 11H10*. Assaults and destroys enemy tanks and armor vehicles, emplacements, weapons, and personnel with heavy anti-armor weapons. Employs, fires, and recovers antipersonnel and anti-tank mines. Locates and neutralizes mines. Operates, mounts/dismounts, zeroes and engages targets with night vision sight. Performs self extraction from a mine field. Orients a map. Operates and maintains communications equipment and enter a radio net. Operates in an NBC contaminated area. Constructs and camouflages individual/crew served weapons firing positions. Recognizes friendly and threat armored vehicles. Constructs and camouflages dismantled fighting positions.

(2) *MOSC 11H20*. Performs duties shown in preceding level of skill. Leads a heavy anti-armor weapons squad in combat operations. Provides tactical and technical guidance to subordinates and professional support to both subordinates and superiors in the accomplishment of their duties. Leads, supervises and trains subordinate personnel. Calls for adjusting indirect fire. Evaluates terrain and selects weapon emplacement. Installs and recovers electrical and non-electrical demolition charges. Records operational information on maps. Indicates location, strength, tactical deployment, and emplacement of enemy and friendly units. Receives and implements a combat order; directs deployment of personnel on offensive, defensive, and retrograde operations. Conducts battle damage assessment and repair. Knows threat formations and tactics thru battalion size elements. Prepares, operates, and maintains secure communications equipment.

(3) *MOSC 11H30*. Performs duties shown in preceding level of skill. Leads a heavy anti-armor weapons section in combat operations. Provides tactical and technical guidance to subordinates and professional support to both subordinates and superiors in the accomplishment of their duties. Receives and issues orders. Supervises the tactical deployment of the TOW section during offensive, defensive, and retrograde operations. Ensures collection and proper reporting of intelligence data to the unit. Prepares an anti-armor section sketch.

(4) *MOSC 11H40*. Performs duties shown in preceding level of skill. Supervises heavy anti-armor weapons platoon. Provides tactical and technical guidance to subordinates and professional support to both subordinates and superiors in the accomplishment of their duties. Supervises the occupation of an assembly area. Plans for, supervises preparation of, and conducts NBC operations. Develops a platoon training plan. Knows threat organization and tactics thru regiment level. Plans for, coordinates resources for, and sets up a multipurpose range complex for TOW qualifications exercises.

(5) *MOSC 11H50*. Performs duties shown in preceding level of skill. Supervises heavy anti-armor weapons companies in combat operations and processes operations and intelligence information. Provides tactical and technical guidance to subordinates and professional support to both subordinates and superiors in the accomplishment of their duties. Serves as the principal noncommissioned officer in an infantry anti-armor company and supervises the processing of operations and intelligence information in an infantry battalion or higher level unit. Plans, coordinates, supervises, and participates in activities pertaining to organization, training, and combat operations and intelligence of units at battalion or higher level.

*b. Physical demands rating and qualifications for the initial award of MOS.* Heavy antiarmor weapons infantrymen must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111221.
- (3) Color discrimination of red/green.
- (4) Correctable vision of 20/20 in one eye; 20/100 in other eye.
- (5) A minimum score of 90 in aptitude area CO.
- (6) Formal training (completion of MOS 11H course conducted under the auspices of the USA Infantry School) mandatory.

*c. Additional skill identifiers.*

- (1) D3—Bradley Fighting Vehicle Operations and Maintenance.

(2) E9—M901 (ITV) Gunner/Crew Training.

(3) F7—Pathfinder Specialty.

(4) J3—Bradley Infantry Fighting Vehicle (BIFV) System Master Gunner.

(5) P5—Master Fitness Trainer.

(6) S1—TOW Master Gunner (skill level 3 and 4).

(7) 2S—Battle Staff Operations (skill level 3 and above).

(8) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

(1) *Table 10-11H-1*. Physical requirements.

(2) *Table 10-11H-2*. Standards of grade TOE/MTOE.

(3) *Table 10-11H-3*. Standards of grade TDA.

#### **10-44. 11M—Fighting Vehicle Infantryman (FV Infantryman) CMF 11 (Closed to women - see chapter 13).**

*a. Major duties.* The fighting vehicle infantryman leads, supervises, and serves as a member of a fighting vehicle unit or activity employing vehicular and dismounted weapons in combat operations. Duties for MOS 11M at each level of skill are:

(1) *MOSC 11M10*. Performs duties as IFV driver, gunner, or fire team member. Operates both mounted and dismounted to close with and destroy the enemy. Employs, operates, and maintains assigned weapons and equipment. Employs proper dismounted movement techniques, cover, concealment, and camouflage as part of dismount team. Performs basic communication functions and operates platoon communications equipment. Constructs individual fighting positions. Assists in the construction of fortification and barriers, including minefields and obstacles. Assist in the breaching of minefields and obstacles. Collects and reports tactical information as member of combat or reconnaissance patrol. Operates IFV over varied terrain in varied visibility. Conducts preventive maintenance checks and services on the IFV and its components. Assists in target detection, identification, and round sensing.

(2) *MOSC 11M20*. Performs duties shown in preceding level of skill. Performs duties as IFV gunner or team leader of dismounted element. Provides technical and tactical guidance to subordinates and professional support to both subordinates and superiors in the performance of their duties. As team leader, leads infantry dismount team in combat operations; processes operational and intelligence data. Receives and implements combat orders. Evaluates terrain; selects weapons placement sites; assigns target engagement areas and fields of fire. Requests, observes, and adjusts direct and indirect supporting fires. Supervises construction of fortifications. Records operational information on maps; reads and interprets maps. Prepares sector sketch of vehicle or dismount team positions and sectors. As gunner, detects, acquires, identifies, and engages targets. Maintains the turret and weapon systems of the IFV.

(3) *MOSC 11M30*. Performs duties shown in preceding level of skill. Perform duties as squad leader or section leader in IFV platoon. Provides technical and tactical guidance to subordinates and professional support to both subordinates and superiors in the performance of their duties. Receives, issues, and implements orders. Controls vehicular and dismounted weapons fire in mounted and dismounted operations. Coordinates actions of the squad with adjacent and supporting elements. Coordinates organic and supporting firepower. Ensures collection and proper reporting of intelligence data to unit and responsible staff sections.

(4) *MOSC 11M40*. Performs duties shown in preceding level of skill. Performs duties as platoon sergeant or operations sergeant. Provides technical and tactical guidance to subordinates and professional support to both subordinates and superiors in the performance of their duties. Receives, issues and implements orders. Assists platoon leader in controlling platoon in mounted and dismounted operations. Assists in dissemination of intelligence information to unit and staff sections. Assists in planning, organizing, directing, supervising, training, coordinating, and reporting activities of subordinate elements. Performs battle damage assessment. Supervises platoon maintenance activities. Supervises receipt, storage, and distribution of ammunition, supplies, equipment, and rations to subordinate elements. Assists in production and administration of staff journals, files, records, and reports. Assists in coordination and

implementation of combat operations, training programs, and administrative and communications procedures. Assists in organization and operation of the tactical operations center.

(5) *MOSC 11M50*. Performs duties shown in preceding level of skill. Performs duties as first sergeant or operations sergeant. Provides technical and tactical guidance to subordinates and professional support to both subordinates and superiors in the performance of their duties. Serves as principal NCO in a mechanized infantry IFV Company and supervises the processing of operations intelligence information in an infantry battalion or higher level unit. Plans, coordinates, supervises, and participates in activities pertaining to organization, training and combat operations and intelligence of units at battalion or higher level.

*b. Physical demands rating and qualifications for initial award of MOS.* Fighting vehicle infantrymen must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111221.
- (3) Color discrimination of red/green.
- (4) Correctable vision of 20/20 in one eye; 20/100 in other eye.
- (5) A minimum score of 90 in aptitude area CO.
- (6) Formal training (completion of MOS 11M course conducted under the auspices of the USA Infantry School) mandatory.

*c. Additional skill identifiers.*

- (1) B4—Sniper.
- (2) C2—Dragon Gunnery.
- (3) F7—Pathfinder.
- (4) J3—Bradley Infantry Fighting Vehicle (BIFV) System Master Gunner.
- (5) P5—Master Fitness Trainer.
- (6) 2C—JAVELIN Gunnery (skill level 3 and below only).
- (7) 2S—Battle Staff Operations (skill level 3 and above).
- (8) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

- (1) *Table 10-11M-1*. Physical requirements.
- (2) *Table 10-11M-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-11M-3*. Standards of grade TDA.

#### **10-45. 11Z—Infantry Senior Sergeant (Inf Sr Sgt) CMF 11 (Closed to women - see chapter 13)**

*a. Major duties.* The infantry senior sergeant serves as principal NCO in the operations section of combined arms or infantry brigades and higher level organizations. Provides tactical and technical guidance and professional support to subordinates and makes recommendations to superiors in the accomplishment of their duties. Serves as principal noncommissioned officer in an infantry battalion or higher to supervise the processing of operations and intelligence information in an infantry brigade or higher level unit. Plans, coordinates, and supervises activities pertaining to organization, training, and combat operations. Edits and prepares tactical plans and training material. Coordinates implementation of operations, training programs, and communications activities.

*b. Physical demands rating and qualifications for the initial award of MOS.* Infantry senior sergeants must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222221.
- (3) Color discrimination of red/green.
- (4) Minimum score in aptitude area—N/A.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) Q8—Tactical Air Operations.
- (3) 2S—Battle Staff Operations.
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

- (1) *Table 10-11Z-1*. Physical requirements.
- (2) *Table 10-11Z-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-11Z-3*. Standards of grade TDA.

#### **10-46. 12B—Combat Engineer, CMF 12 (Closed to women - see chapter 13)**

*a. Major duties.* Combat engineers supervise, serve, or assist as a member of a team, squad, section, or platoon; provide combat engineering support to combat forces; and operate Combat Engineer Vehicles (CEV), Armored Vehicle Launched Bridges (AVLB), and Armored Combat Earthmover (ACE). Duties for MOS 12B at each level of skill are:

(1) *MOSC 12B10*. Performs basic combat construction. Operates various light or heavy engineer wheeled vehicles. Operates or serves as crewmember on a CEV, AVLB, or an ACE while participating in combat mobility, counter mobility, and survivability operations. Prepares and installs priming and firing systems for demolition and explosives. Arms, disarms, and installs anti-personnel and anti-tank mines. Locates mines by visual means or by using a mine detector. Recognizes and neutralizes booby traps, friendly and threat mines, and firing devices.

(2) *MOSC 12B20*. Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Directs and assists in the operation of engineer wheeled or tracked vehicles. Supervises and/or operates the ACE. Directs and assists in launching and retrieval of an AVLB. Boresights, determines zero settings, and fires the CEV weapon systems. Assists in performance of organizational maintenance of vehicle and armament system components. Directs the construction of fighting positions and wire entanglements. Controls fire team movements. Places explosives and clears misfires. Directs a mine-clearing line charge loading team. Directs minefield marking party and dispensing operation of mine scattering systems. Conducts reconnaissance operations, determines limiting slopes, curves, stream velocity, and gap widths.

(3) *MOSC 12B30*. Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Tasks, supervises, and instructs squad and section personnel. Directs utilization and maintenance of vehicles and equipment. Supervises and directs employment of a CEV and its crew. Prepares the CEV for firing. Supervises range card preparation for CEV. Provides unit and job site security. Prepares and issues an oral squad operation order. Conducts the maneuver of a squad in a patrol. Directs minefield installation, removal, and submits minefield reports. Conducts breaching operations. Collects data and calculates the requirement for explosives and related material. Directs construction of combat bunkers, shelters, and non-explosive anti-vehicular obstacles and expedient lifing devices. Conducts ground reconnaissance for roads, routes, bridges, tunnels, fords, and ferries. Prepares a demolition and engineer reconnaissance report. Directs assembly of various military bridges.

(4) *MOSC 12B40*. Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Assigns tasks to subordinate elements and personnel. Accounts for soldiers, material, and equipment. Supervises in mine warfare, demolitions and combat construction operations. Enforces safety standards, field sanitation, communication procedures, security, and job specification. Provides support for construction and tactical movements. Directs assignment of CEV and AVLB in support of maneuver forces. Operates a CEV crew qualification range.

*b. Physical demands rating and qualifications for the initial award of MOS.* Combat engineers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111221.
- (3) Normal color vision.
- (4) A minimum score of 90 in aptitude area CO.
- (5) Formal training (completion of MOS 12B course conducted under auspices of U.S. Army Engineer School) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) Y2—Transition.
- (3) 2S—Battle Staff Operations (skill level 3 and above).

(4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

(1) *Table 10-12B-1.* Physical requirements.

(2) *Table 10-12B-2.* Standards of grade TOE/MTOE.

(3) *Table 10-12B-3.* Standards of grade TDA.

#### **10-47. 12C—Bridge Crewmember, CMF 12**

*a. Major duties.* Bridge crewmembers command, serve, or assist as a member of a squad, section or platoon. They provide conventional and powered bridge and rafting support for wet and dry gap crossing operations. Duties for MOS 12C at each level of skill are:

(1) *MOSC 12C10.* Operates bridge truck and light vehicles. Operates the bridge erection boat. Prepares bridge site, handles shore lines, and assists in rafting operations. Assists in the installation of overhead anchorage system components. Installs kedge anchorage systems. Launches or retrieves ribbon bridge bays. Assists in the assembly of military bridges. Prepares and installs demolition firing systems. Arms, installs, and disarms antipersonnel or antitank mines.

(2) *MOSC 12C20.* Directs construction of fighting positions and wire entanglements. Employs the M180 demolition cratering charge. Determines limiting slopes, curves, stream velocities, and gap width. Conducts engineer reconnaissance. Directs crew in the assembly and maintenance of fixed bridges. Directs crew in the assembly of raft and float bridges. Operates and or supervises the use of bridge erection boats.

(3) *MOSC 12C30.* Supervises personnel in the installation and removal of a hasty protective minefield. Collects data and calculates the demolition requirement for explosives and related materials. Conducts road, tunnel, ford, and bridge reconnaissance. Directs the off-loading and assembly of float and fixed bridges. Performs float and fixed bridge site layout. Supervises installation of an overhead cable anchorage system.

(4) *MOSC 12C40.* Assigns tasks to subordinate personnel. Enforces safety standards, field sanitation, communication procedures, security and job specification. Plans and supervises personnel in the construction of float and fixed bridges. Supervises in mine warfare, demolitions, and combat construction operations. Conducts platoon reconnaissance missions.

*b. Physical demands rating and qualifications for the initial award of MOS.* Bridge crewmen must possess the following qualifications:

(1) A physical demands rating of very heavy.

(2) A physical profile of 111121.

(3) Normal color vision.

(4) A minimum score of 90 in aptitude area CO.

(5) Formal training (completion of MOS 12C course conducted under auspices of U.S. Army Engineer School) mandatory.

(6) Must possess a valid state motor vehicle operator license.

*c. Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) 2S—Battle Staff Operations (skill level 3 and above).

(3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

(1) *Table 10-12C-1.* Physical requirements.

(2) *Table 10-12C-2.* Standards of grade TOE/MTOE.

(3) *Table 10-12C-3.* Standards of grade TDA.

#### **10-48. 12F—Engineer Tracked Vehicle Crewman (Engr TRVEH Crmn), CMF 12 (Closed to women - see chapter 13)**

*(Rescinded.)*

#### **10-49. 12Z—Combat Engineering Senior Sergeant (Combat Engr Sr Sgt), CMF 12**

*a. Major duties.* Inspects and advises on bridging, rafting, and river crossing operations. Formulates and maintains construction schedules. Assists in supervision of troops in assault operations. Performs ground and aerial reconnaissance. Advises engineer staff section personnel in matters involving combat engineer operations.

Coordinates with staff agencies for engineer operational and tactical support. Coordinates employment of engineer elements operating with infantry and armored units. Inspects construction sites and enforces job specification and safety standards. Collects, interprets, analyzes, evaluates, and disseminates intelligence data.

*b. Physical demands rating and qualifications for initial award of MOS.* Combat engineering senior sergeants, 12Z50, must possess the following qualifications:

(1) A physical demands rating—N/A.

(2) A physical profile of 111121.

(3) Minimum score in aptitude area—N/A.

*c. Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) 2S—Battle Staff Operations.

(3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

(1) *Table 10-12Z-1.* Physical requirements.

(2) *Table 10-12Z-2.* Standards of grade TOE/MTOE.

(3) *Table 10-12Z-3.* Standards of grade TDA.

#### **10-50. 13B—Cannon Crewmember, CMF 13 (Closed to women - see chapter 13)**

*a. Major duties.* The cannon crewmember supervises or serves as a member of field artillery cannon section or ammunition section.

(1) *MOSC 13B10.* Integral member of a crew that operates high technology cannon artillery weapon systems. Loads and fires howitzers. Sets fuse and charge on a variety of munitions, including high explosive artillery rounds, laser guided projectiles, scatterable mines, and rocket assisted projectiles. Uses computer generated fire direction data to set elevation of cannon tube for loading and firing. Employs rifles, machine guns, and grenade and rocket launchers in offensive and defensive operations. Drives and operates heavy and light wheeled trucks and tracked vehicles. Transports and manages artillery ammunition. Participates in reconnaissance operations to include security operations and position preparation. Operates in reduced visibility environments with infrared and starlight enhancing night vision devices and other equipment. Coordinates movement into position. Camouflages position area. Communicates using voice and digital wire and radio equipment. Uses critical combat survival skills to operate in a hostile environment. Maintains operational readiness of vehicles and equipment.

(2) *MOSC 13B20.* Supervises handling, transportation, accountability, and distribution of ammunition. Assists section chief in supervision of howitzer operations, maintenance, and training. Lays weapon for direction, conducts bore sighting and basic periodic tests. Supervises the operation, loading, and maintenance of the Field Artillery Ammunition Support Vehicle.

(3) *MOSC 13B30.* Directs and supervises movement emplacement of the howitzer section. Supervises and directs the construction, camouflage, and defense of the section position. Trains, instructs, and supervises section personnel in cannon gunnery procedures and firing. Responsible for the verification of safe firing data. Supervises the handling, storage, accountability, and distribution of ammunition. Supervises the performance of operator, crew, and organizational maintenance on section vehicles.

(4) *MOSC 13B40.* Assists platoon leader in the planning, preparation, and execution of collective training activities of the platoon. Conducts battery/platoon reconnaissance, selection, occupation, and defense of position areas. Supervises firing battery personnel engaged in firing battery operations, maintenance, and training. Lays the unit for direction of fire and verifies safe operations before and during firing. Supervises battalion ammunition trains operations. Reviews, consolidates, and prepares technical, personnel, and administrative reports covering firing battery element activities.

*b. Physical demand rating and qualifications for the initial award of MOS.* Cannon crewmember must possess the following qualifications:

(1) A physical demands rating of very heavy.

(2) A physical profile of 222221.

(3) Color discrimination of red/green.

(4) A minimum score of 95 in aptitude area FA.

(5) Formal training under the auspices of USAFAS is mandatory to qualify for the award of the MOS.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) U6—Field Artillery Weapons Maintenance.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

- (1) *Table 10-13B-1.* Physical requirements.
- (2) *Table 10-13B-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-13B-3.* Standards of grade TDA.

**10-51. 13C—Tactical Automated Fire Control Systems (TAFCS) Specialist, CMF 13 (Closed to women - see chapter 13)**

*a. Major duties.* The TAFCS specialist leads, supervises, or serves as a member of an activity operating tactical fire direction TAFCS equipment in a field artillery cannon battalion or higher unit. Duties for MOS 13C at each skill level are:

(1) *MOSC 13C10.* Establishes, maintains, and operates radio and wire communications. Assists in preparation of computer center for operation and shutdown. Prepares TAFCS equipment for operation to include cabling, installation, and removal procedures. Operates and performs operator maintenance on section vehicles and generators associated with the TAFCS computer. Performs crew maintenance and participates in organized maintenance of section equipment.

(2) *MOSC 13C20.* Assists fire control NCO in supervision of section training, maintenance, and operations. Performs computer operations and trains and supervises junior personnel. Initiates computer center operations, including establishing control information to establish communications with subscribers. Recognizes partial or complete TAFCS failures and initiates procedures to correct them.

(3) *MOSC 13C30.* Assists fire control NCO in supervision of section training, maintenance, and operations. Inputs and retrieves initial information and control and tactical data base information into TAFCS. Operates TAFCS computer, including processing technical and tactical data, artillery target intelligence, fire planning data/survey information, and meteorological data. Assists in the supervision and directs the construction, camouflage, and defense of the section position. Supervises the performance of operator, crew, and organizational maintenance on section vehicles.

(4) *MOSC 13C40.* Assists operations NCO and officer in planning, preparation, and execution of collective training activities of the section. Supervises TAFCS computer operations. Prepares the distribution of maps, operational information, and training materials. Compiles information for and presents briefings on current operations, situations, and after action reports. Enforces compliance with security procedures and regulations. Supervises the performance of operator, crew, and organizational maintenance on section vehicles.

*b. Physical demands ratings and qualifications for initial award of MOS.* TAFCS specialists must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Color discrimination of red/green.
- (4) A minimum score of 95 in aptitude area FA.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training (completion of MOS 13C course under the auspices of USA Field Artillery School) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) Y1—Transition.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

- (1) *Table 10-13C-1.* Physical requirements.
- (2) *Table 10-13C-2.* Standards of grade TOE/MTOE.

(3) *Table 10-13C-3.* Standards of grade TDA.

**10-51.1. 13D—Field Artillery Tactical Data Systems Specialist (FATDS Sp), CMF 13 (Closed to women - see chapter 13)**

*a. Major duties.* The Field Artillery Tactical Data Systems Specialist leads, supervises, or serves as a member of an activity operating FATDS in a Multiple Launch Rocket System (MLRS) battalion, battery, platoon in a field artillery cannon battalion or higher. Duties for MOS 13D at each skill level are:

(1) *MOSC 13D10.* Establishes, maintains and operates communications systems. Assists in preparation of computer center for operation and shutdown. Prepares FATDS for operation to include cabling, installation, and removal procedures. Inputs initialization data and data base information to FATDS. Maintain fire capabilities maps and charts. Operates and performs operator maintenance on FATDS equipment, section vehicles and generators associated with FATDS. Performs crew maintenance and participates in organizational maintenance of section equipment.

(2) *MOSC 13D20.* Assists FATDS NCO in supervision of all fire control operations in MLRS platoon fire direction center. Operates FATDS at MLRS battery and battalion, cannon battalion and higher echelons. Performs computer operations including fire mission processing, fire plan schedules and data base construction. Initiates computer center operations, including establishing control information, communications with digital subscribers and data base initialization. Performs operator, crew and organizational maintenance on section equipment.

(3) *MOSC 13D30.* Assists FATDS NCO in supervision of all fire control operations in MLRS firing battery and battalion, cannon battalion and higher echelons. Supervises fire direction operations including preparation for operations, communications setup and maintenance. Supervises fire mission processing, fire support planning, fire support execution, movement control, field artillery mission support, field artillery fire direction operations, fire plan scheduling and entry of commanders guidance. Maintains current situation data. Supervises the performance of operator, crew and organizational maintenance on section vehicles.

(4) *MOSC 13D40.* Leads section personnel and supervises FATDS operations in MLRS and cannon battalions and higher echelons. Supervises and conducts fire support execution, movement control, field artillery mission support, field artillery fire direction operations. Directs troubleshooting of FATDS hardware, software, database and communications to ensure continuity of operations. Directs and performs systems administration and troubleshooting. Assist S3 with conduct of field artillery estimates and movement planning. Compiles information for and presents briefings on current operations, situation and after action reports. Enforces compliance with security procedures and regulations. Assists operations officer and NCO in planning, preparation and conduct of collective training for the unit. Supervises the performance of operator, crew and organizational maintenance on section vehicles and equipment.

*b. Physical demands ratings and qualifications for initial award of MOS.* FATDS operations specialists must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Color discrimination of red/green.
- (4) A score of 100 in aptitude area FA.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training (completion of MOS 13D course under the auspices of USAFAS or CECOM NETT) mandatory.

*c. Additional Skill Identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.
- (3) 2S—Battlestaff NCO.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-13D-1.* Physical requirements.

- (2) *Table 10-13D-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-13D-3*. Standards of grade TDA.

**10-52. 13E—Cannon Fire Direction Specialist (Cannon FD Sp), CMF 13 (Closed to women - see chapter 4)**

*a. Major duties.* The cannon fire direction specialist leads, supervises, or serves as a member of a fire direction element or operations section of a field artillery cannon unit.

(1) *MOSC 13E10*. Establishes, maintains, and operates radio and wire communications. Operates the backup computer system to include; preparation, entry of known data, and computation of firing data. Constructs and operates observed or surveyed firing charts. Records fire mission related information and maintains ammunition status. Compiles target lists and prepares target overlays, and situation and fire capability overlays. Operates and performs operator maintenance on section vehicles and generators. Performs crew maintenance and participates in organizational maintenance of section equipment.

(2) *MOSC 13E20*. Assists chief fire direction computer in supervision of section operations, maintenance, and training. Operates the battery computer unit to include; preparation, entry of known data, computation of firing data, and receipt and processing of messages. Transmits firing data to firing elements using battery computer system (BCS). Verifies registration and computes and applies meteorological and muzzle velocity corrections. Operates the backup computer system to include; preparation, entry of known data, and computation of firing data.

(3) *MOSC 13E30*. Assists fire direction officer and platoon sergeant in the planning, preparation, and execution of individual and collective training activities of the section. Monitors processing of fire requests, supervises computation of firing data, and verifies accuracy of firing data. Supervises and directs the construction, camouflage, and defense of the section position. Supervises the performance of operator, crew, and organizational maintenance on section vehicles and equipment.

*b. Physical demands ratings and qualifications for the initial award of MOS.* Cannon fire direction specialists must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Color discrimination of red/green.
- (4) A minimum score of 95 in aptitude area FA.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training under the auspices of USAFAS is mandatory to qualify for the award of the MOS.

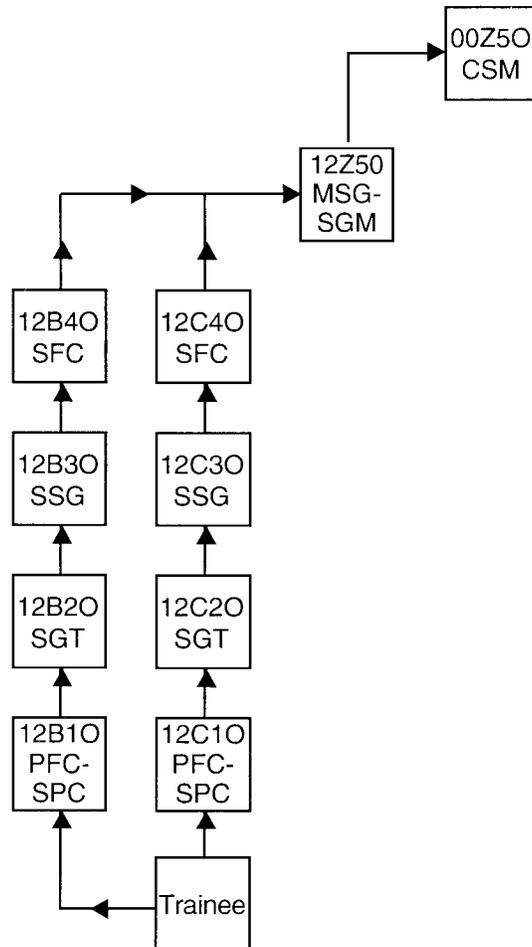
*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) Y1—Transition.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

- (1) *Table 10-13E-1*. Physical requirements.
- (2) *Table 10-13E-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-13E-3*. Standards of grade TDA.

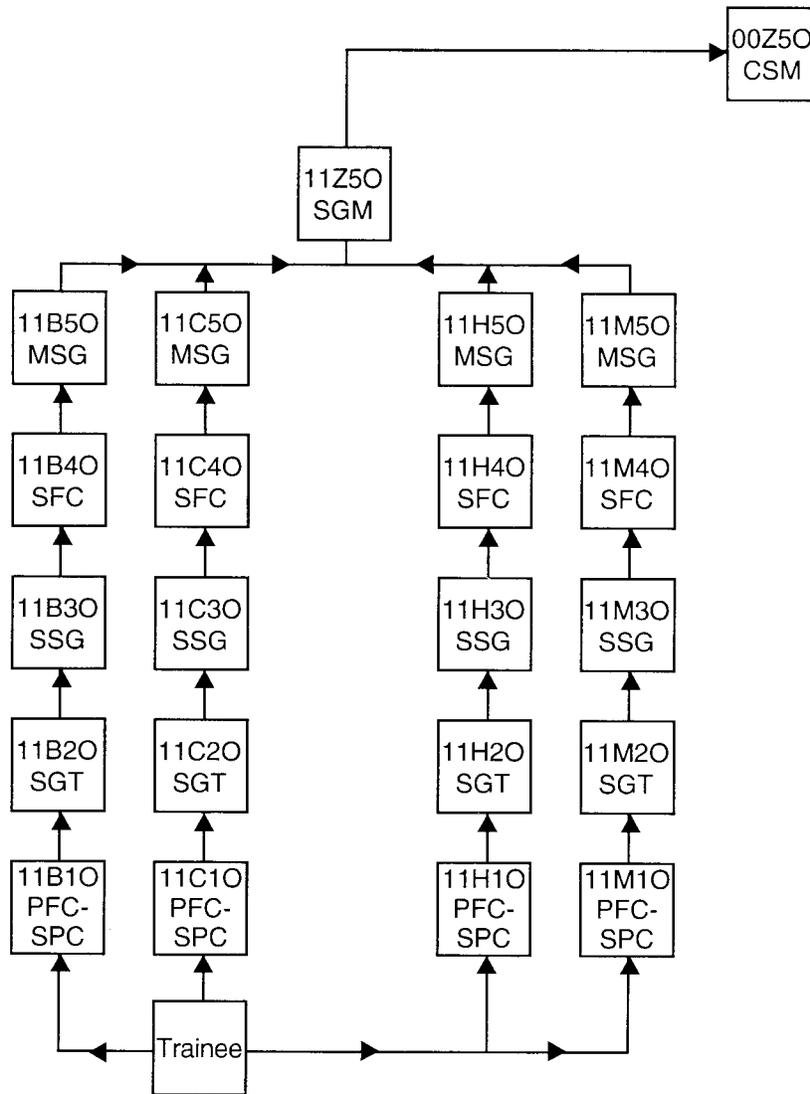
Combat Engineer	Bridge Crewmember	Combat Engineering Senior Sergeant	Command Sergeant Major
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SUBSTITUTABILITY: None ← Line of normal progression.

Figure 10-12. CMF 12—Combat Engineer career progression

Infantryman	Indirect Fire Infantryman	Infantry Senior Sergeant	Heavy Antiarmor Weapons Infantryman	Fighting Vehicle Infantryman	Command Sergeant Major
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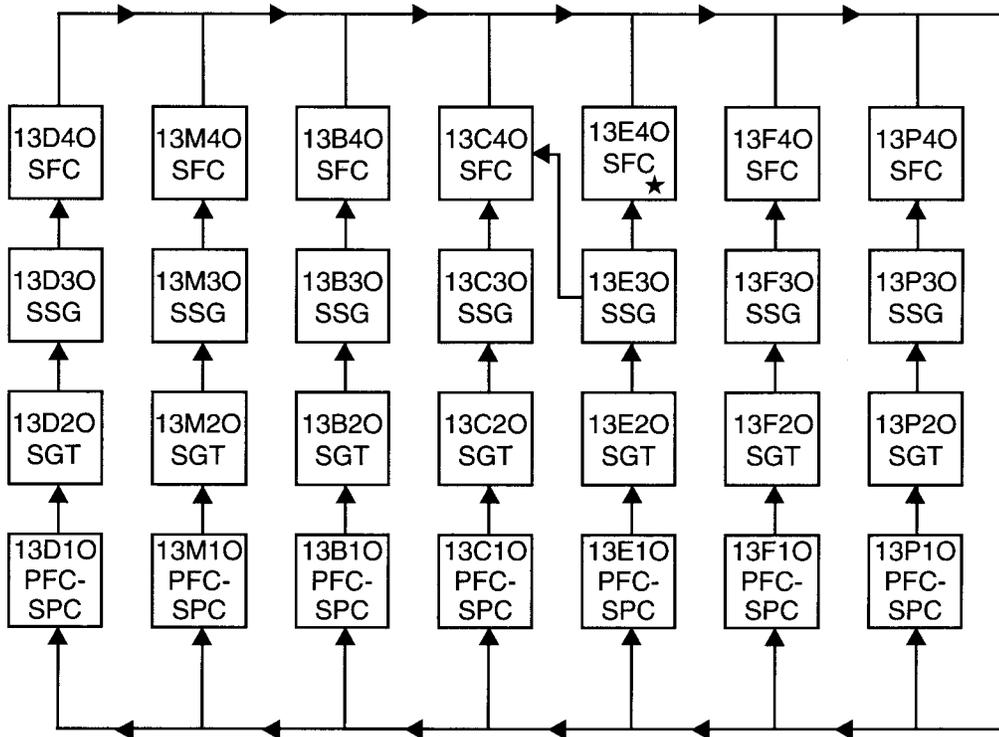


SUBSTITUTABILITY: Between 11B, 11C and 11H at comparable skill level. From 11M to 11B, 11C and 11H at comparable skill level. (Not applicable at skill level 5.)

← Line of normal progression.

Figure 10-11. CMF 11—Infantry career progression

Field Artillery Tactical Data Systems Specialist	Multiple Launch Rocket System Crewmember	Cannon Crewmember	Tactical Automated Fire Control Systems Specialist	Cannon Fire Direction Specialist	Fire Support Specialist	MLRS Fire Direction Specialist
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SUBSTITUTABILITY: At comparable skill level between 13E and 13P; and 13C to 13E.

← Line of normal progression.

★ Reserve Forces Skill Level

Figure 10-13A. CMF 13—Field Artillery career progression

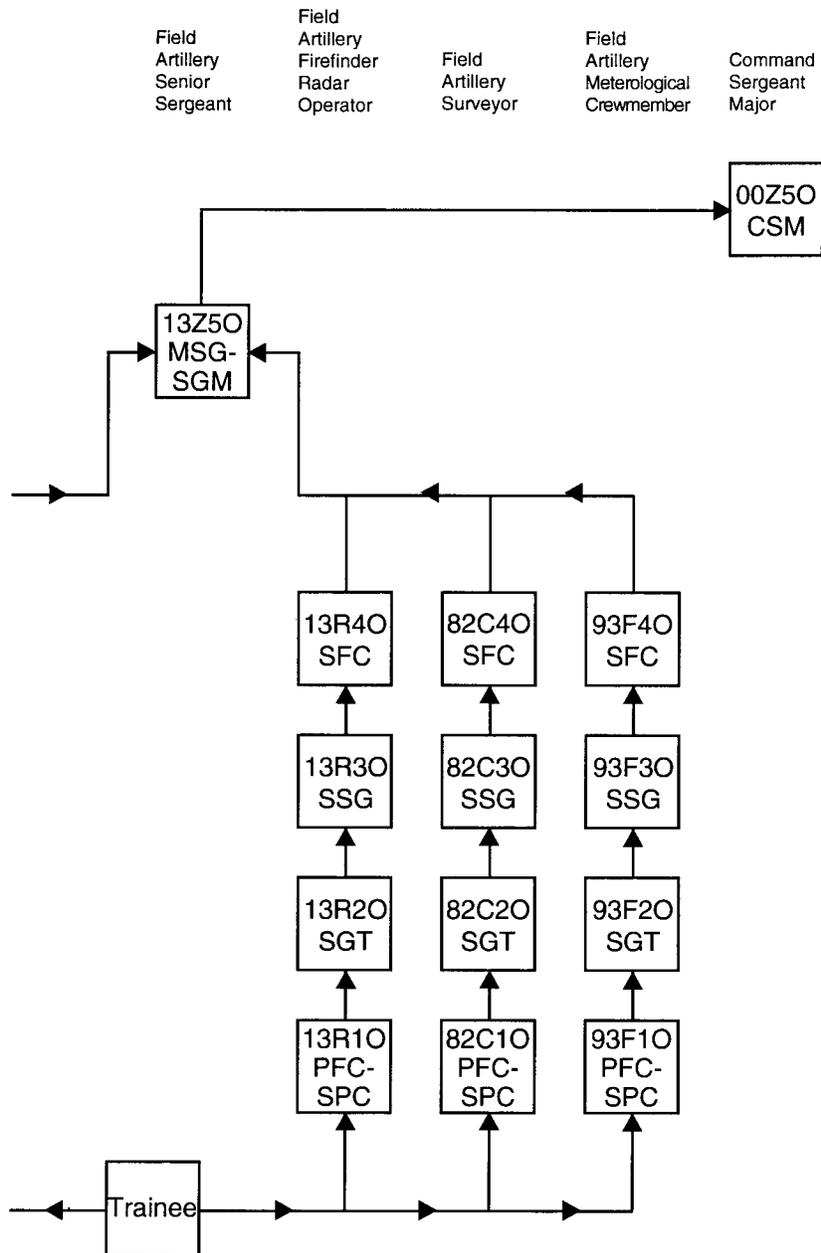
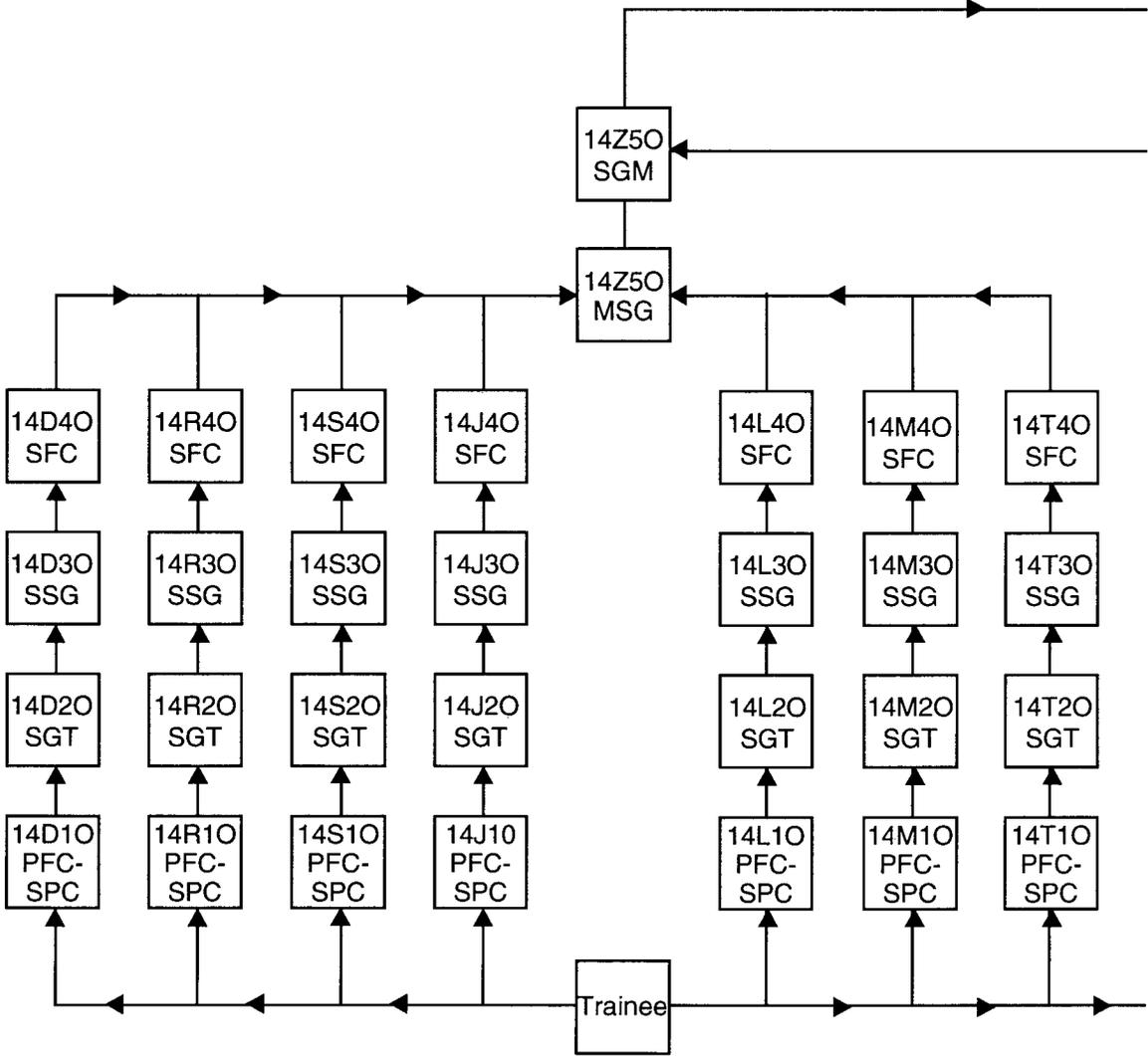


Figure 10-13B. CMF 13—Field Artillery career progression

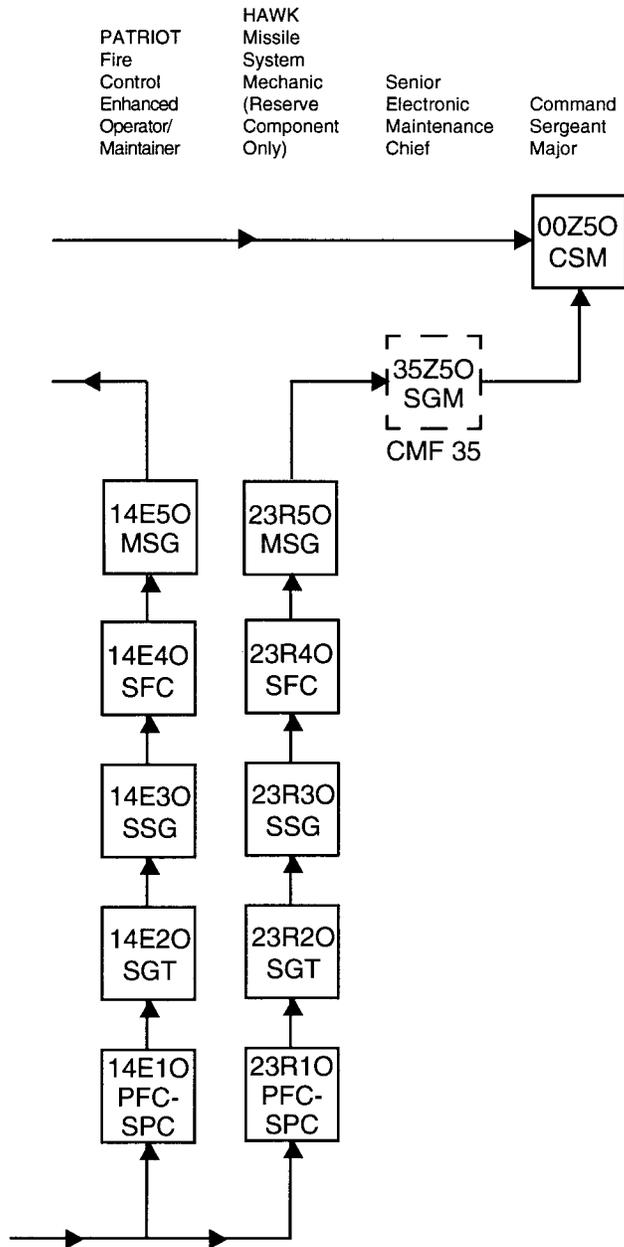
HAWK Missile System Crewmember (Reserve Component Only)	Bradley Linebacker Crewmember	AVENGER Crewmember	Air Defense Command, Control, Computers, Communications and Intelligence Tactical Operations Center Enhanced Operator/Maintainer	Air Defense Artillery Senior Sergeant	AN/TSQ-73 ADA Command and Control System Operator/ Maintainer (Reserve Component Only)	Man Portable Air Defense System Crewmember (Reserve Component Only)	PATRIOT Launching Station Enhanced Operator/ Maintainer
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SUBSTITUTABILITY: None

← Line of normal progression.

Figure 10-14A. CMF 14—Air Defense Artillery career progression

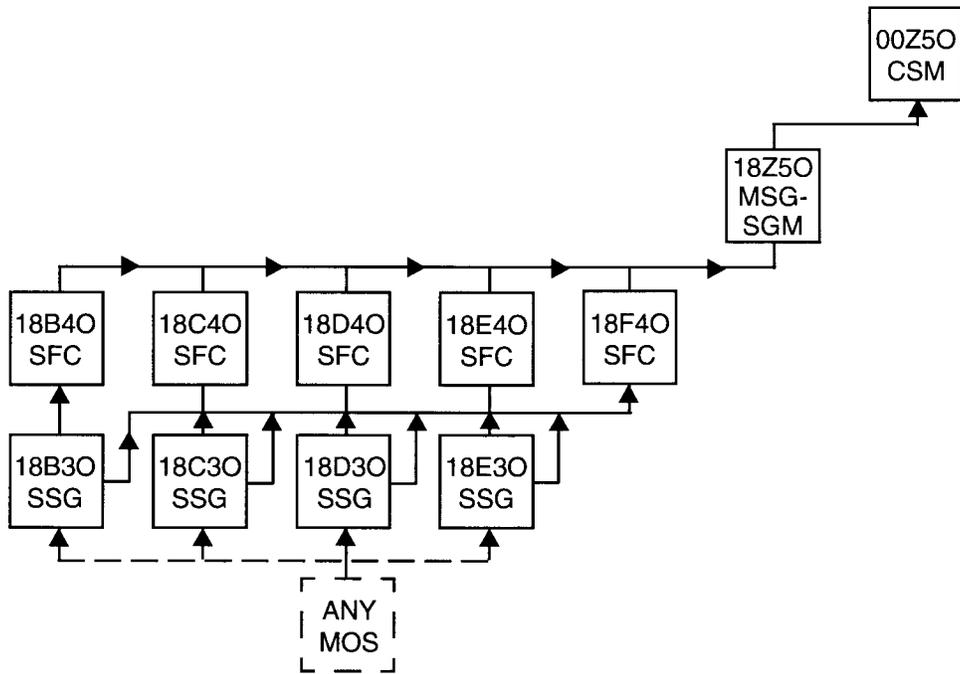


SUBSTITUTABILITY: None

→ Line of normal progression.

Figure 10-14B. CMF 14—Air Defense Artillery career progression

Special Forces Weapons Sergeant	Special Forces Engineer Sergeant	Special Forces Medical Sergeant	Special Forces Communications Sergeant	Special Forces Assistant Operations and Intelligence Sergeant	Special Forces Senior Sergeant	Command Sergeant Major
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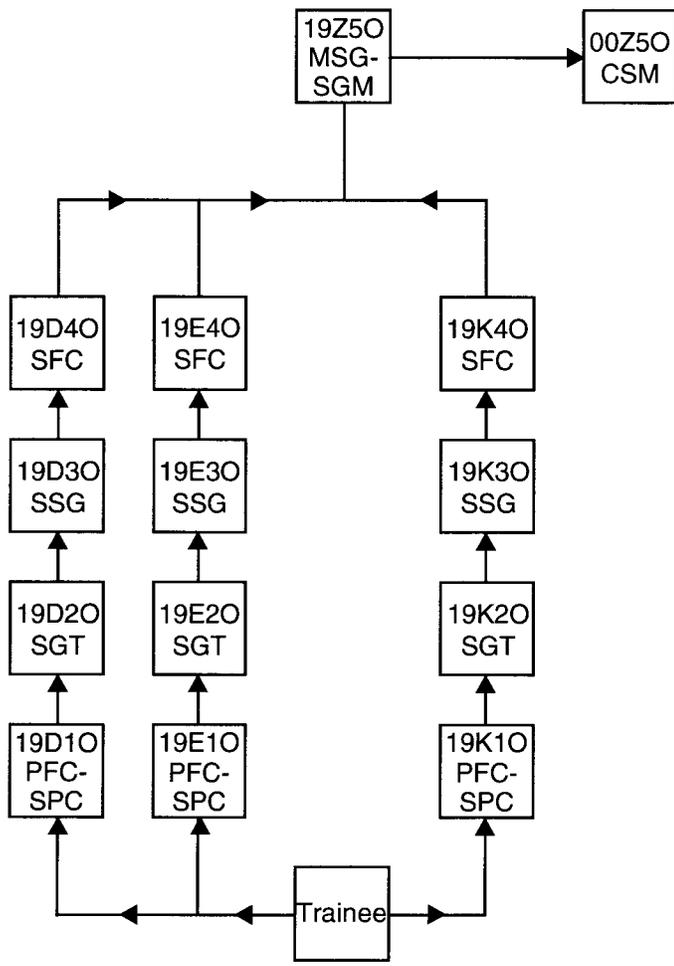


SUBSTITUTABILITY: None

→ Line of normal progression.

Figure 10-18. CMF 18—Special Forces career progression

	M48-M60			
	Armor	Armor	M1	Command
	Crewman	Senior	Armor	Sergeant
Cavalry	(Reserve	Sergeant	Crewman	Major
Scout	Components)			

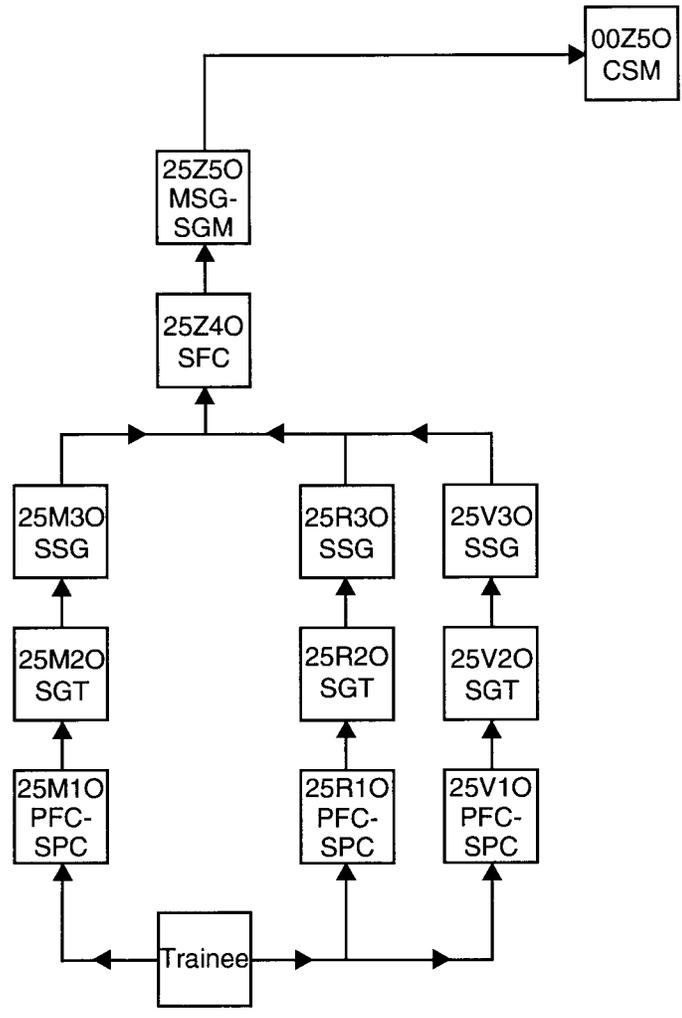


SUBSTITUTABILITY: None

← Line of normal progression.

Figure 10-19. CMF 19—Armor career progression

	Visual Information Operations Chief	Visual Information Equipment Operator-Maintainer	Combat Documentation/Production Specialist	Command Sergeant Major
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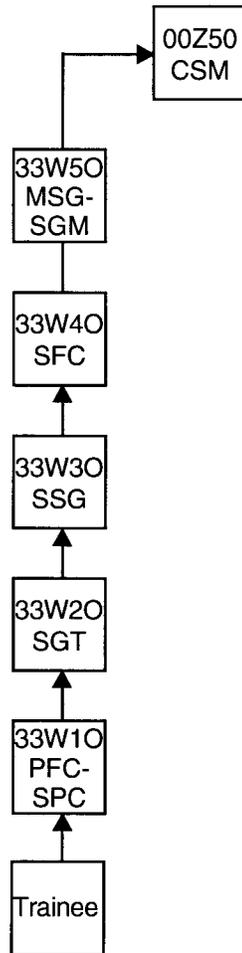


SUBSTITUTABILITY: None

← Line of normal progression.

Figure 10-25. CMF 25—Visual Information career progression

Electronic Warfare Intercept Systems Repairer      Command Sergeant Major



SUBSTITUTABILITY: None      → Line of normal progression.

Figure 10-33. CMF 33—Electronics Warfare/Intercept Systems Maintenance career progression

Test Measurement and Diagnostic Equipment Maintenance Support Specialist	Land Combat Support System (LCSS) Test Specialist	Integrated Family of Test Equipment (IFTE) Operator and Maintainer	Automatic Test Equipment Operator/Maintainer	HAWK Missile System Mechanic (Reserve Components)	HAWK Fire Control Repairer (Reserve Components)	HAWK Continuous Wave Radar Repairer (Reserve Components)	HAWK Field Maintenance Equipment and Firing Section Repairer	HAWK Fire Control and Continuous Wave Radar Repairer
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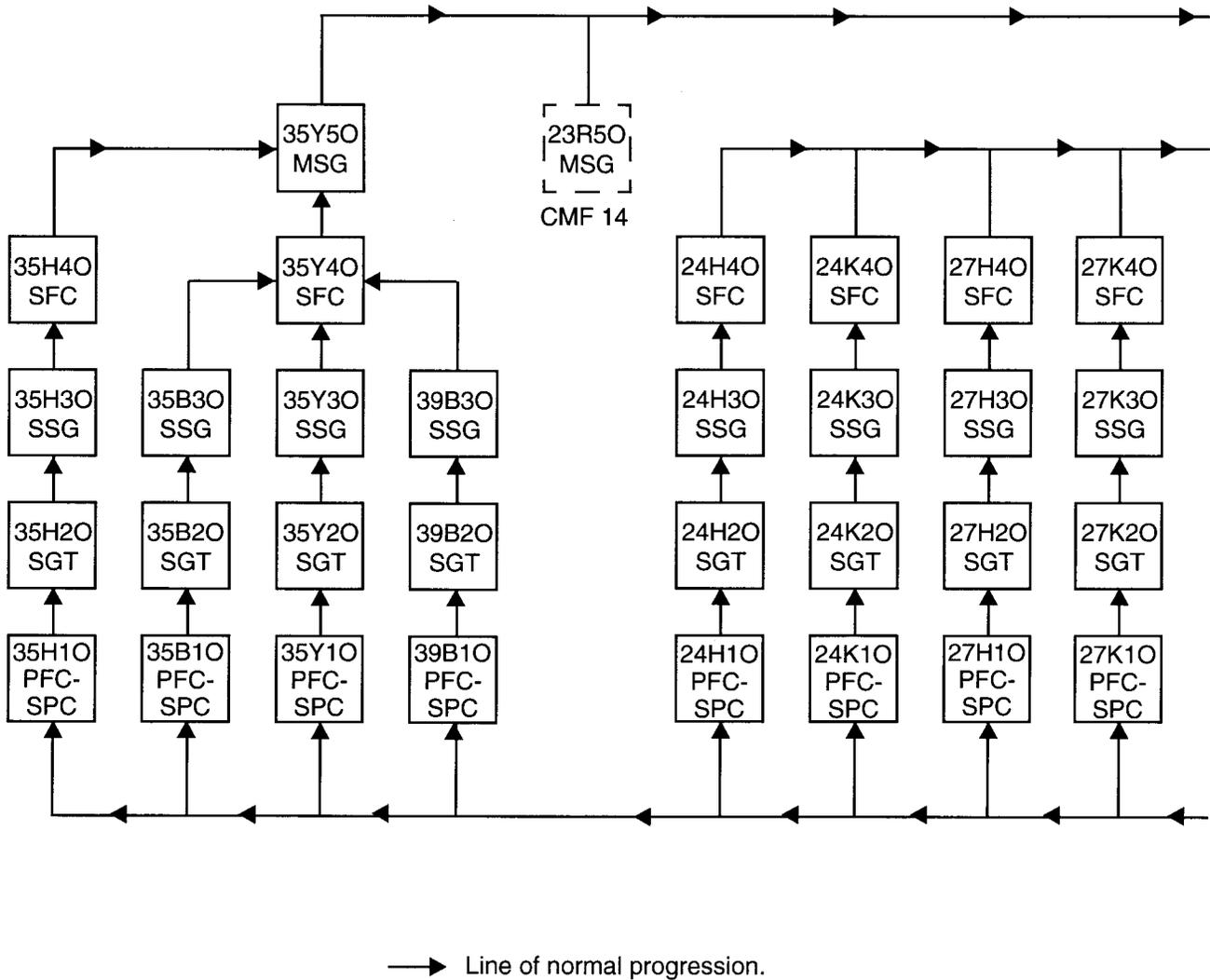


Figure 10-35A. CMF 35—Electronic Maintenance and Calibration career progression

Chaparral and Redeye Repairer      Land Combat Electronic Missile System Repairer      Multiple Launch Rocket System (MLRS) Repairer      Missile Systems Maintenance Chief      Senior Electronic Maintenance Chief      Avenger Systems Repairer      Radar Repairer      Command Sergeant Major      PATRIOT System Repairer

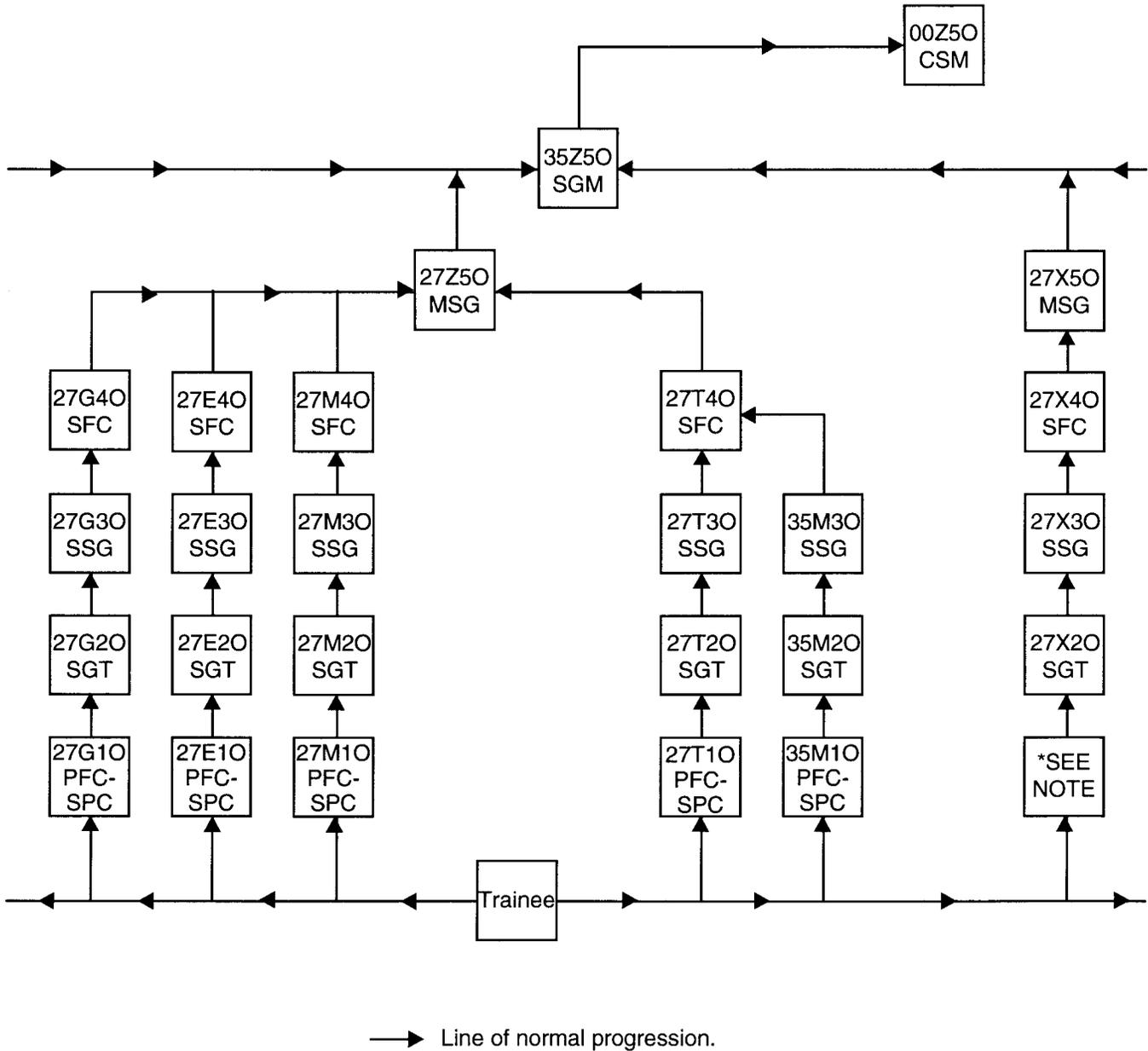
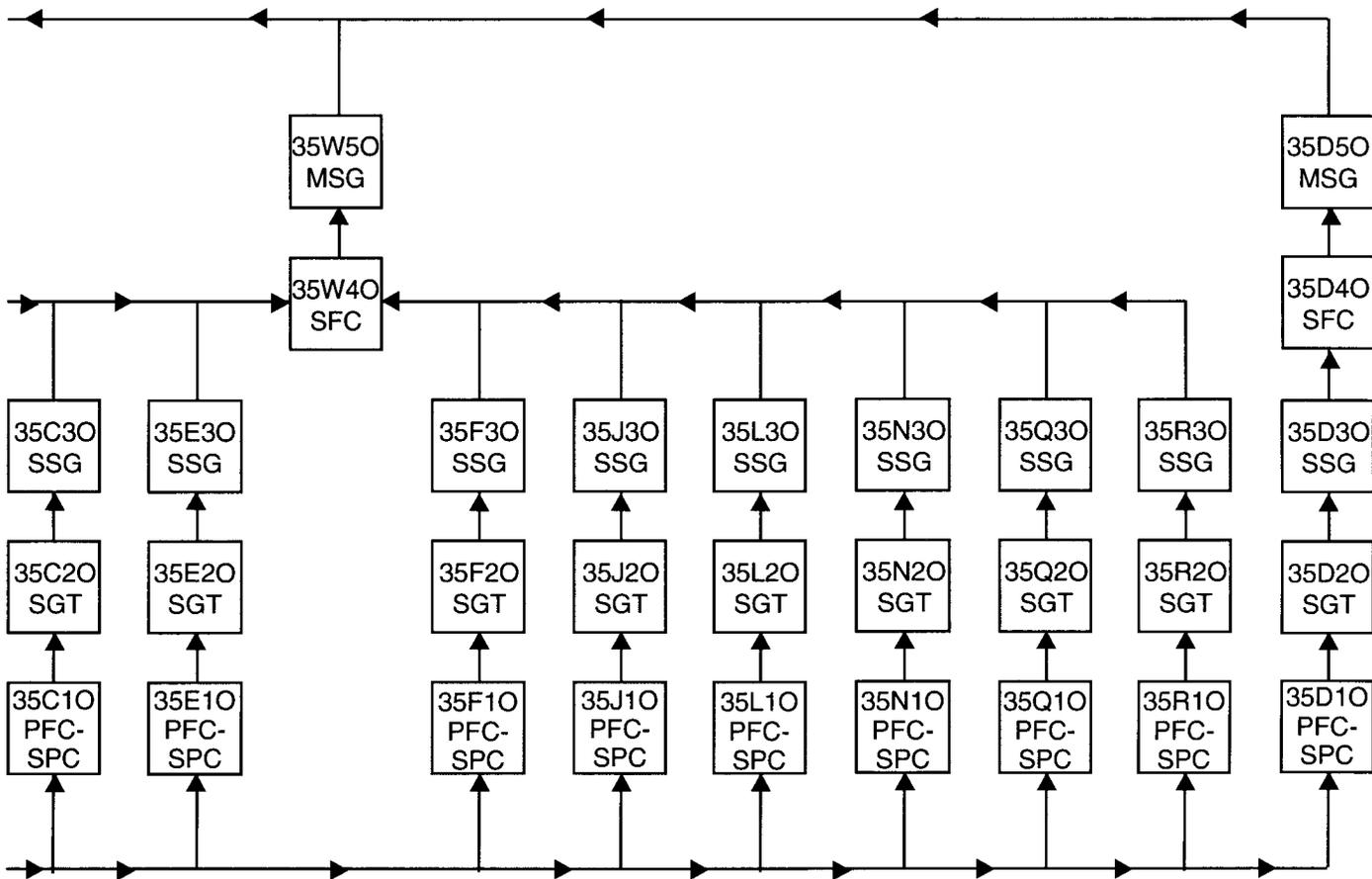


Figure 10-35B. CMF 35—Electronic Maintenance and Calibration career progression

Surveillance Radar Repairer	Radio and Communications Security (COMSEC) Repairer	Electronic Maintenance Chief	Special Electronic Devices Repairer	Telecommunications Terminal Device Repairer	Avionic Communications Equipment Repairer	Wire Systems Equipment Repairer	Avionic Flight Systems Repairer	Avionic Radar Repairer	Air Traffic Control Equipment Repairer
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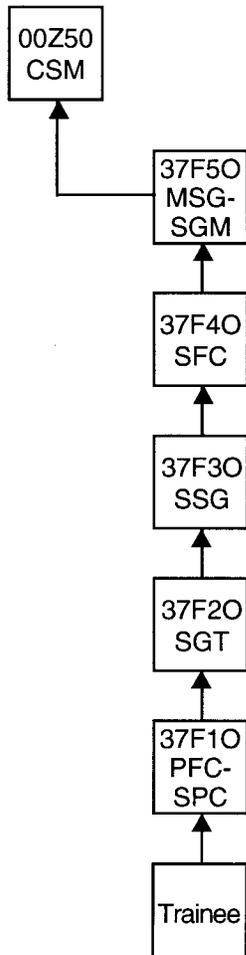


\*NOTE: Soldiers in grade of SPC (promotable), SGT, SSG or SFC in MOS 27G, 27H, 27K, 27T, 35H, 35J or 35M may request by application (DA Form 4187) the MOS 27X course and upon successful completion, will be awarded MOS 27X.

← Line of normal progression.

Figure 10-35C. CMF 35—Electronic Maintenance and Calibration career progression

Command Sergeant Major      Psychological Operations Specialist

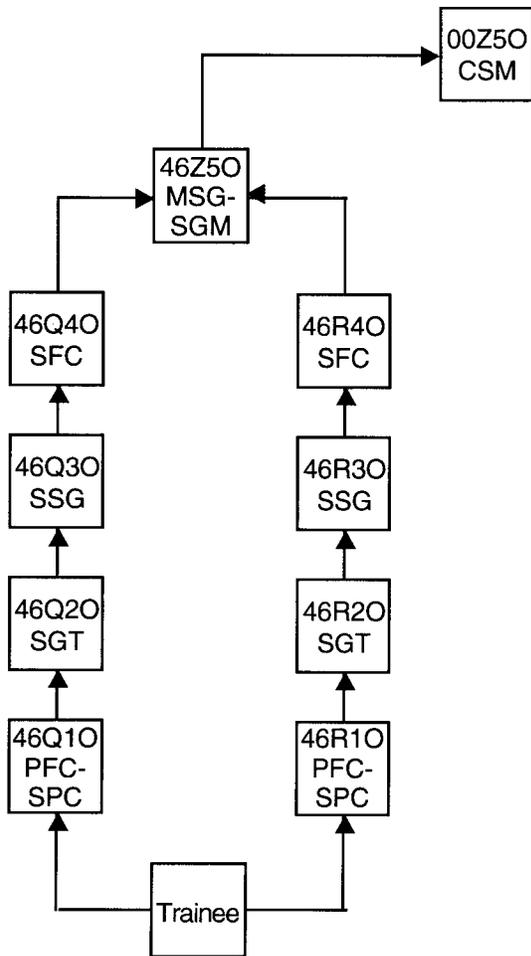


SUBSTITUTABILITY: None

→ Line of normal progression.

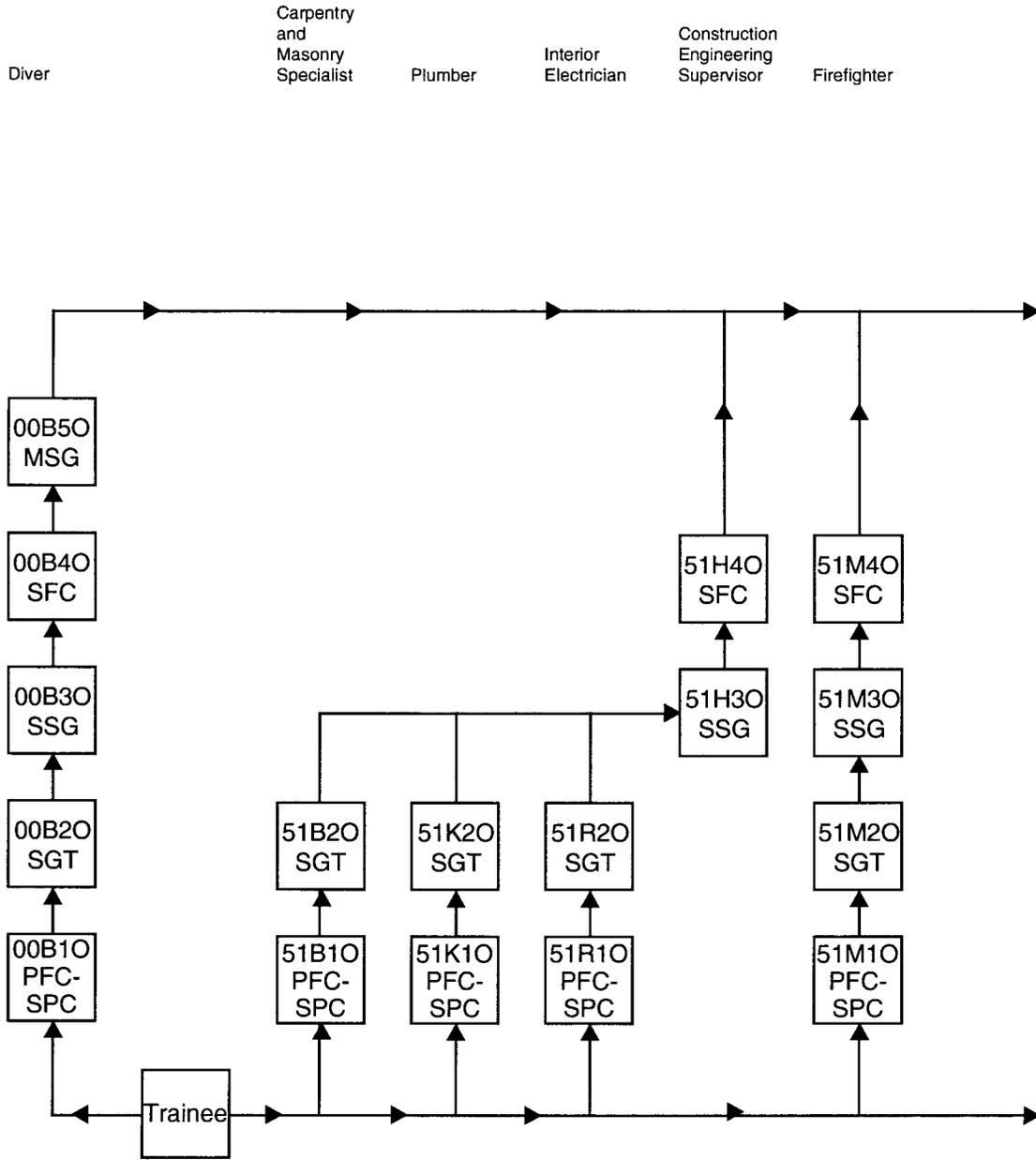
Figure 10-37. CMF 37—Psychological Operations career progression

Journalist                  Publis  
   Affairs  
   Chief                  Broadcast                  Command  
                    Journalist                  Sergeant  
                                     Major



SUBSTITUTABILITY: None      → Line of normal progression.

Figure 10-46. CMF 46—Public Affairs career progression



SUBSTITUTABILITY: None

→ Line of normal progression.

Figure 10-51A. CMF 51—General Engineering career progression

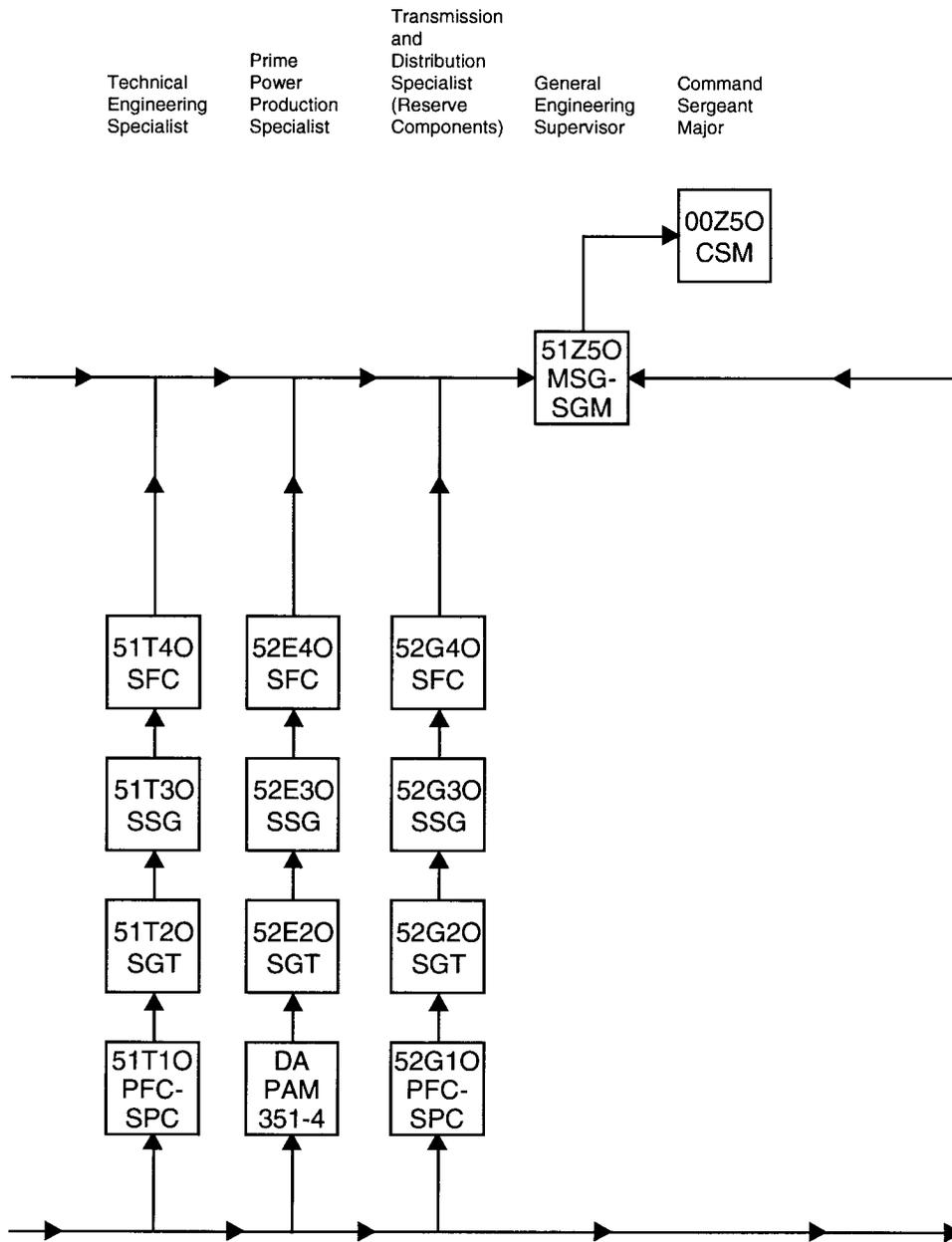


Figure 10-51B. CMF 51—General Engineering career progression

Heavy Construction Equipment Operator	Crane Operator	General Construction Equipment Operator	Construction Equipment Supervisor	Quarrying Specialist	Concrete and Asphalt Equipment Operator
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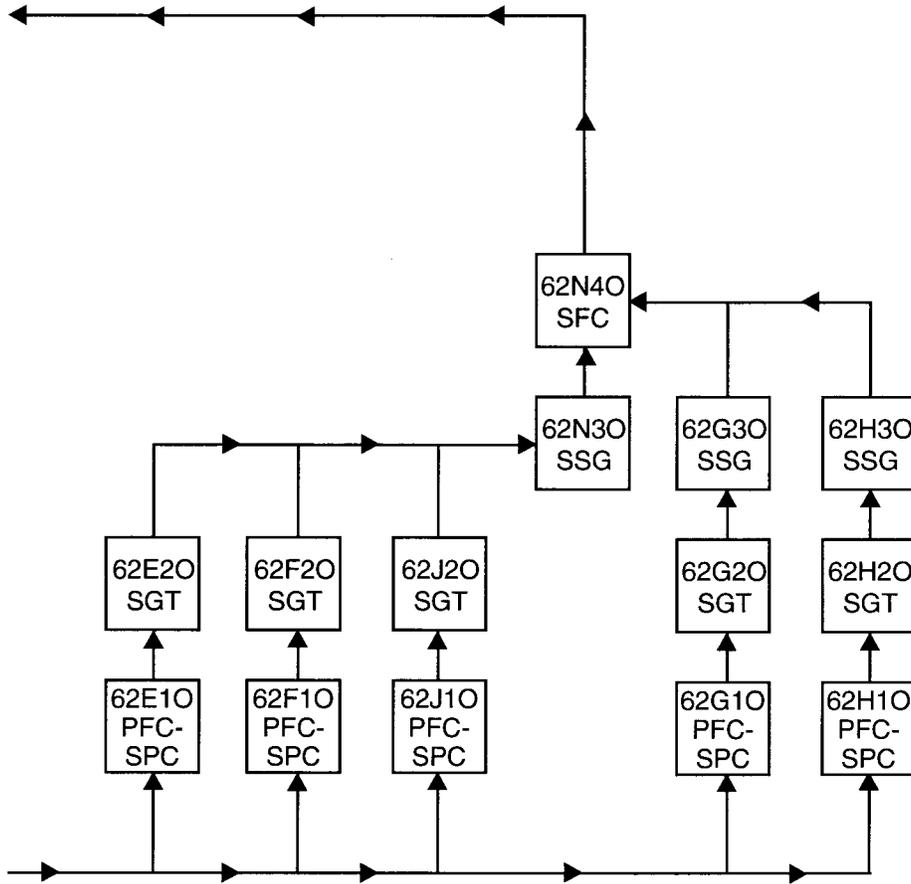
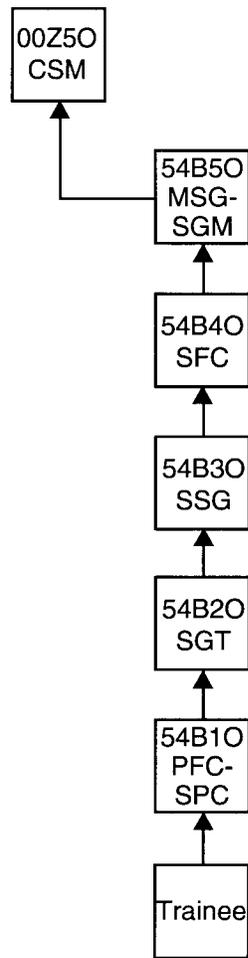


Figure 10-51C. CMF 51—General Engineering career progression

Command Sergeant Major      Chemical Operations Specialist



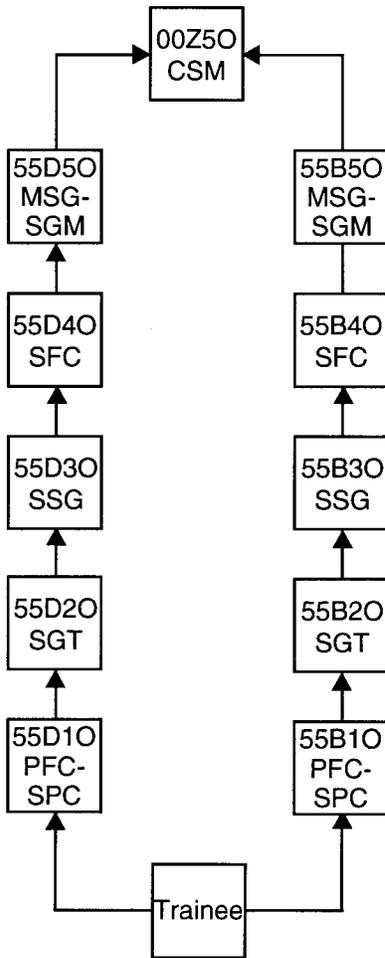
SUBSTITUTABILITY: None      → Line of normal progression.

Figure 10-54. CMF 54—Chemical career progression

Explosive  
Ordinance  
Disposal  
Specialist

Command  
Sergeant  
Major

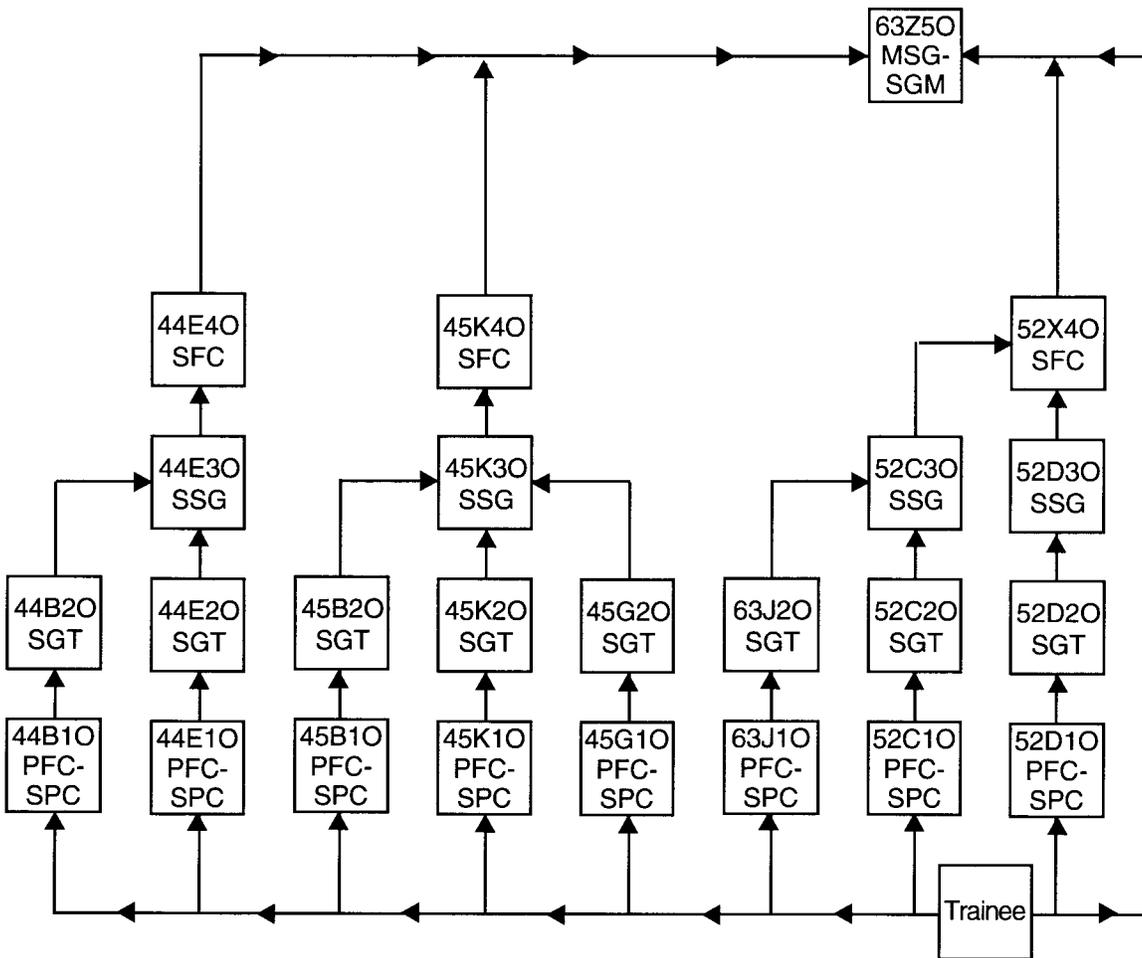
Ammunition  
Specialist



SUBSTITUTABILITY: None      → Line of normal progression.

Figure 10-55. CMF 55—Ammunition career progression

Metal Worker	Machinist	Small Arms Artillery Repairer	Armament Repairer	Fire Control Repairer	QM/Chem Equipment Repairer	Utilities Equipment Repairer	Special Purpose Equipment Repairer
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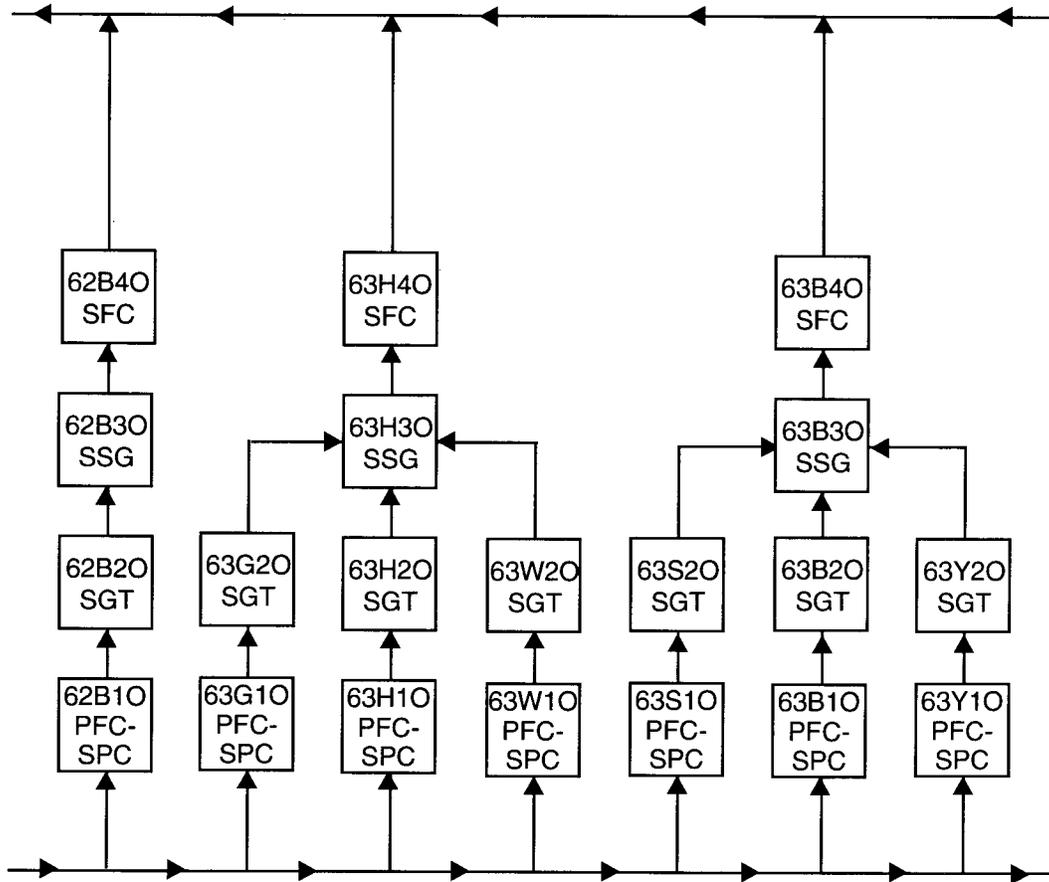
SUBSTITUTABILITY: None

→ Line of normal progression.

★★ Cross training on the total system will be accomplished at this skill level. The turret mechanic receives training in the automotive portion and the automotive mechanic receives training in the turret portion.

Figure 10-63A. CMF 63—Mechanical Maintenance career progression

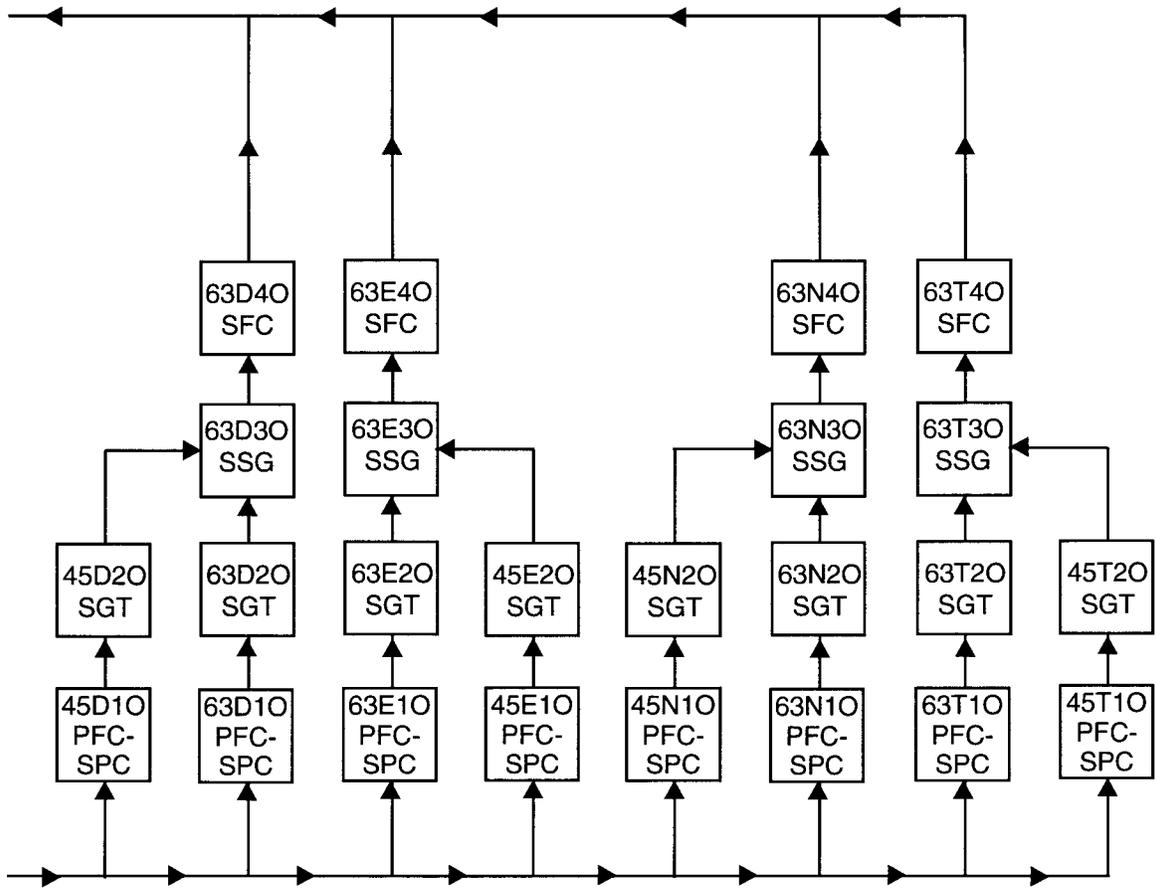
Construction Equipment Repairer	Fuel and Electrical Systems Repairer	Track Vehicle Repairer	Wheel Vehicle Repairer	Heavy Wheel Vehicle Mechanic	Light Wheel Vehicle Mechanic	Track Vehicle Mechanic
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SUBSTITUTABILITY: None      → Line of normal progression.

Figure 10-63B. CMF 63—Mechanical Maintenance career progression

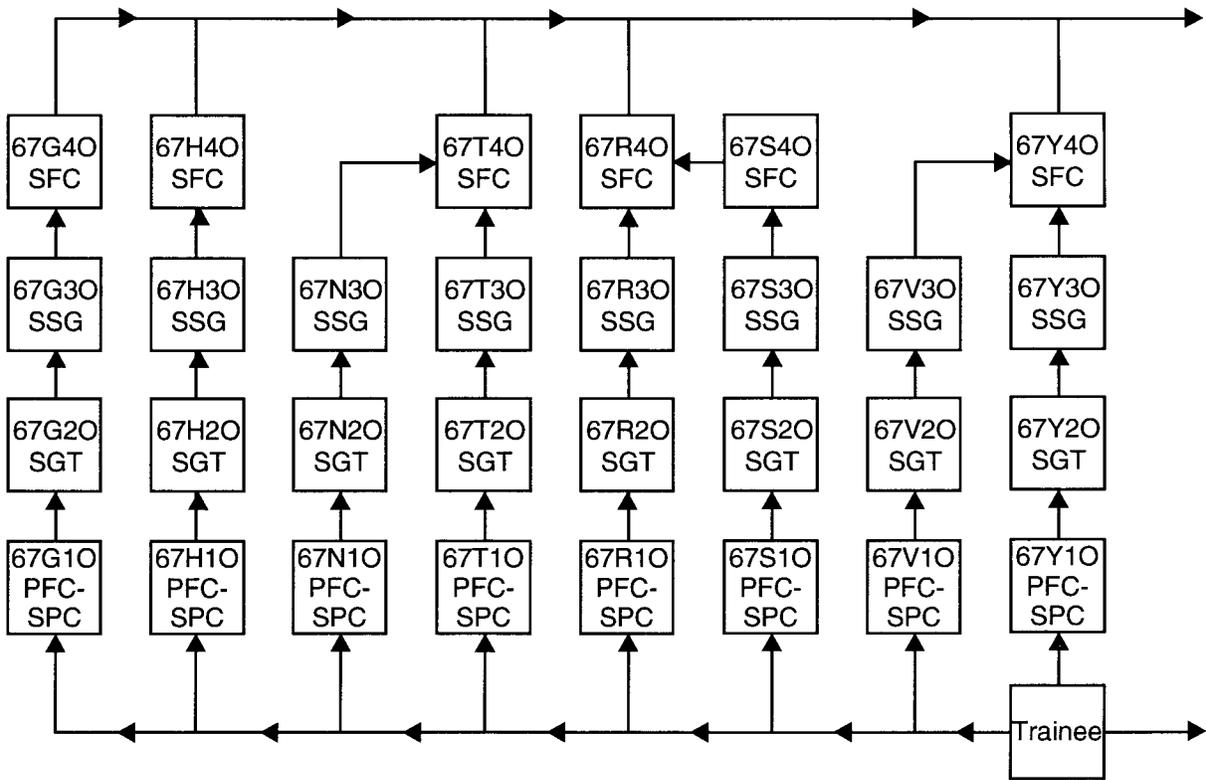
Self-Propelled Field Artillery Turret Mechanic	Self-Propelled Field Artillery System Mechanic	M1 Abrams Tank System Mechanic	M1 Abrams Tank Turret Mechanic	M60A1A3 Tank Turret Mechanic (Reserve Components)	M60A1A3 Tank System Mechanic (Reserve Components)	Bradley Fighting Vehicle System Mechanic	Bradley Fighting Vehicle System Turret Mechanic
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SUBSTITUTABILITY: None      → Line of normal progression.

Figure 10-63C. CMF 63—Mechanical Maintenance career progression

Utility Airplane Repairer (Reserve Component)	Observation Airplane Repairer	UH-1 Helicopter Repairer	UH-60 Helicopter Repairer	AH-64 Attack Helicopter Repairer	OH-58D Helicopter Repairer	Observation/ Scout Helicopter Repairer	AH-1 Attack Helicopter Repairer
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SUBSTITUTABILITY: None

→ Line of normal progression.

Figure 10-67A. CMF 67—Aircraft Maintenance career progression

CH-47 Helicopter Repairer	Aircraft Powerplant Repairer	Aircraft Powertrain Repairer	Aircraft Electrician	Aircraft Structural Repairer	Aircraft Pneudraulics Repairer	Aircraft Components Repairer Supervisor
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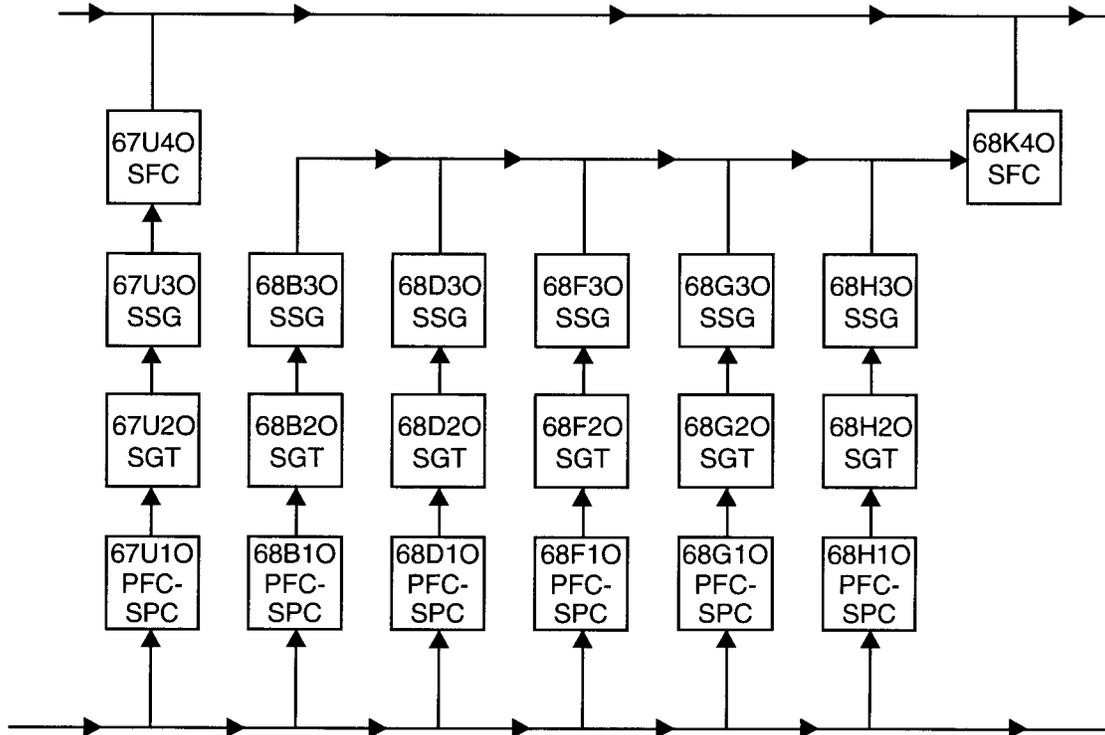


Figure 10-67B. CMF 67—Aircraft Maintenance career progression

Aircraft Armament/ Missile Systems Repairer	Avionic Mechanic	Avionic Maintenance Supervisor	AH-64 Armament/ Electrical Systems Repairer	Aircraft Maintenance Senior Sergeant	Command Sergeant Major
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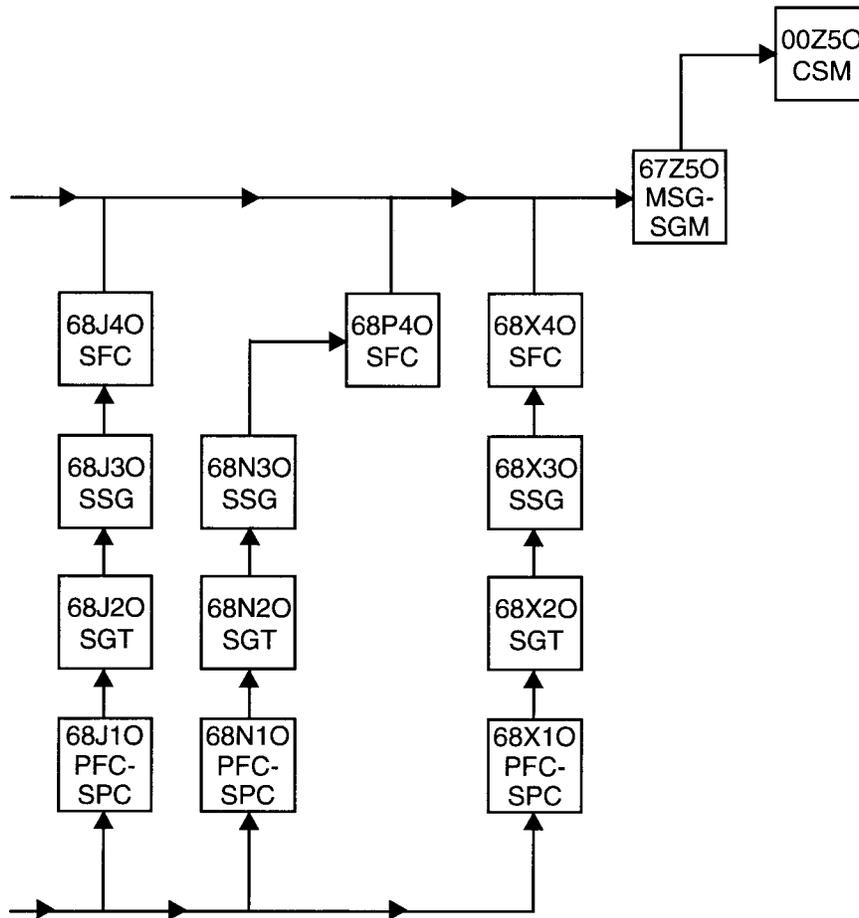
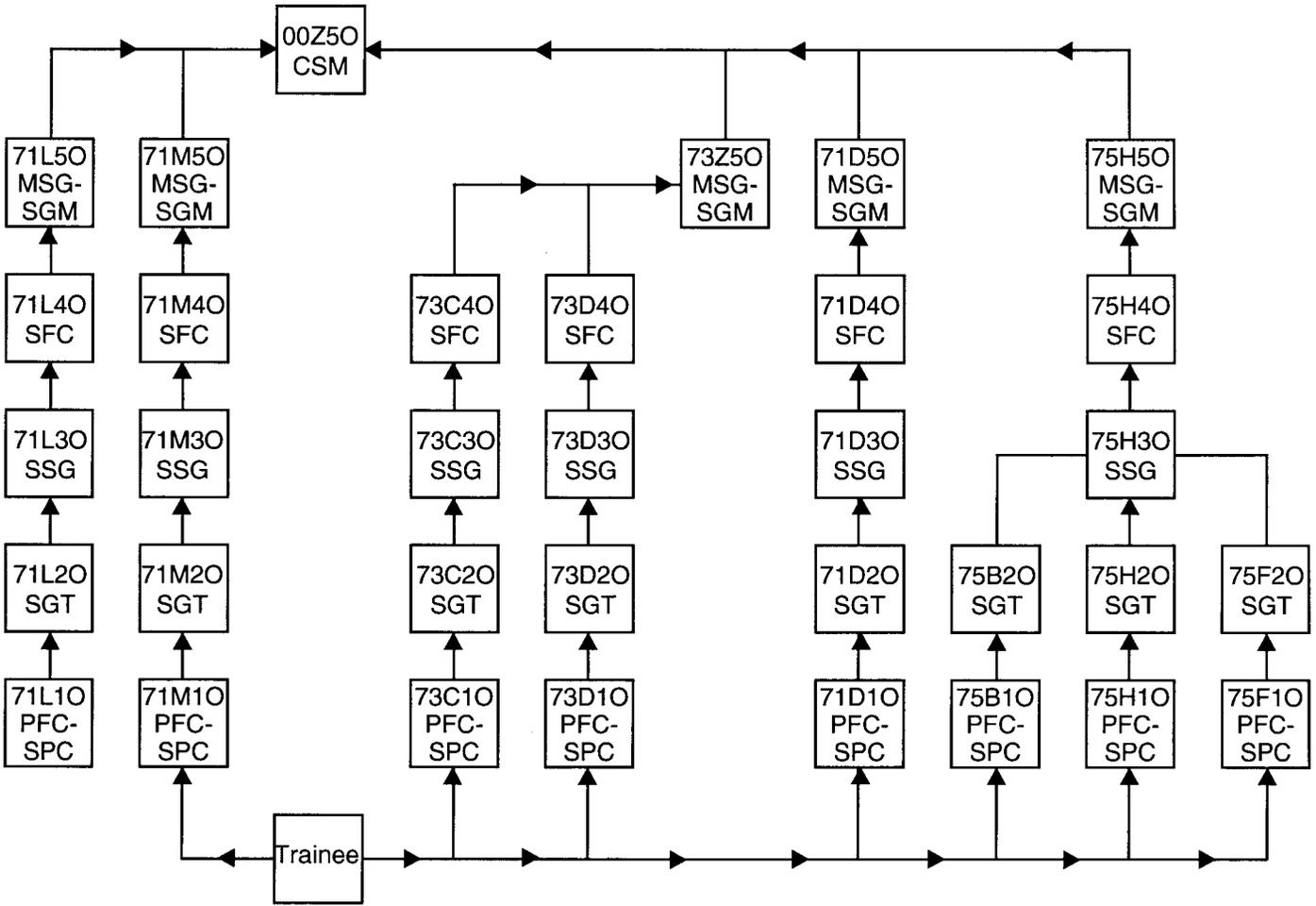


Figure 10-67C. CMF 67—Aircraft Maintenance career progression

Administrative Specialist    Chaplain Assistant    Command Sergeant Major    Finance Specialist    Accounting Specialist    Finance Senior Sergeant    Legal Specialist    Personnel Administrative Specialist    Personnel Services Specialist    Personnel Information System Management Specialist



**SUBSTITUTABILITY:** Between 75B and 75H with minimum of 24 months TIS or SPC (Promotable) whichever occurs first. From 75F to 75B and 75H at SGT. Between 75B and 75H to 75F at SGT (Promotable).

→ Line of normal progression.

Figure 10-71. CMF 71—Administration career progression

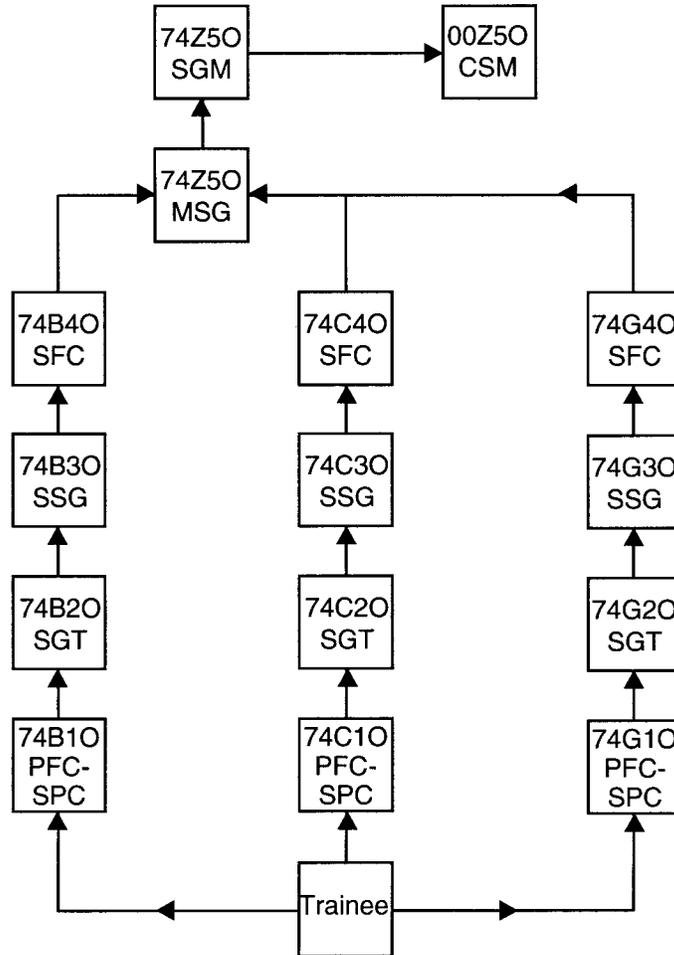
Information Systems Operator - Analyst

Information Systems Chief

Telecommunications Operator - Maintainer

Command Sergeant Major

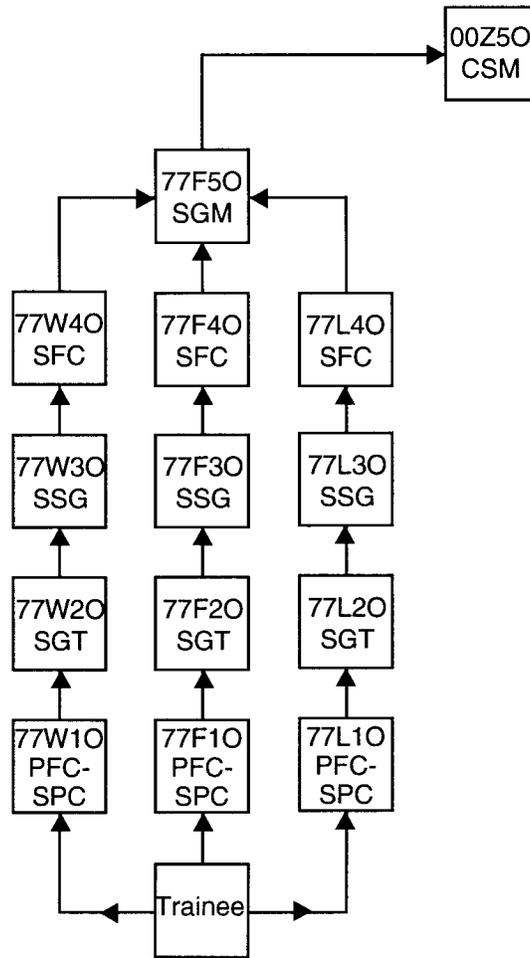
Telecommunications Computer Operator - Maintainer



SUBSTITUTABILITY: None      → Line of normal progression.

Figure 10-74. CMF 74—Information Systems Operations career progression

Water Treatment Specialist	Petroleum Supply Specialist	Petroleum Laboratory Specialist	Command Sergeant Major
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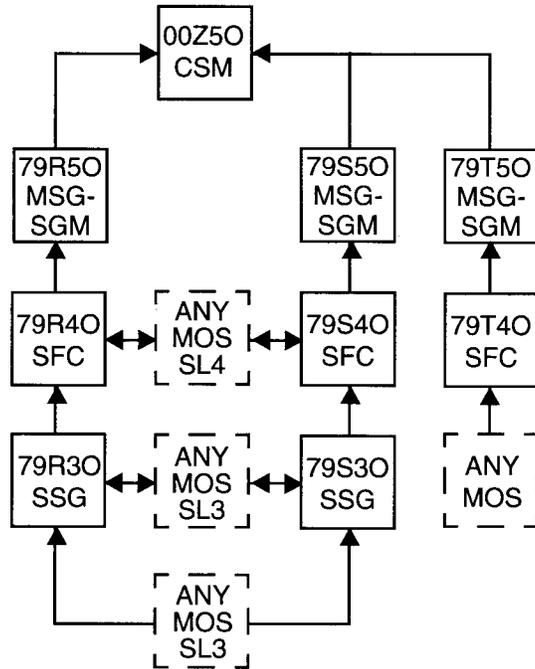


SUBSTITUTABILITY: None.  
This CMF has been revised  
in support of EPMS.

→ Line of normal progression.

Figure 10-77. CMF 77—Petroleum and water career progression

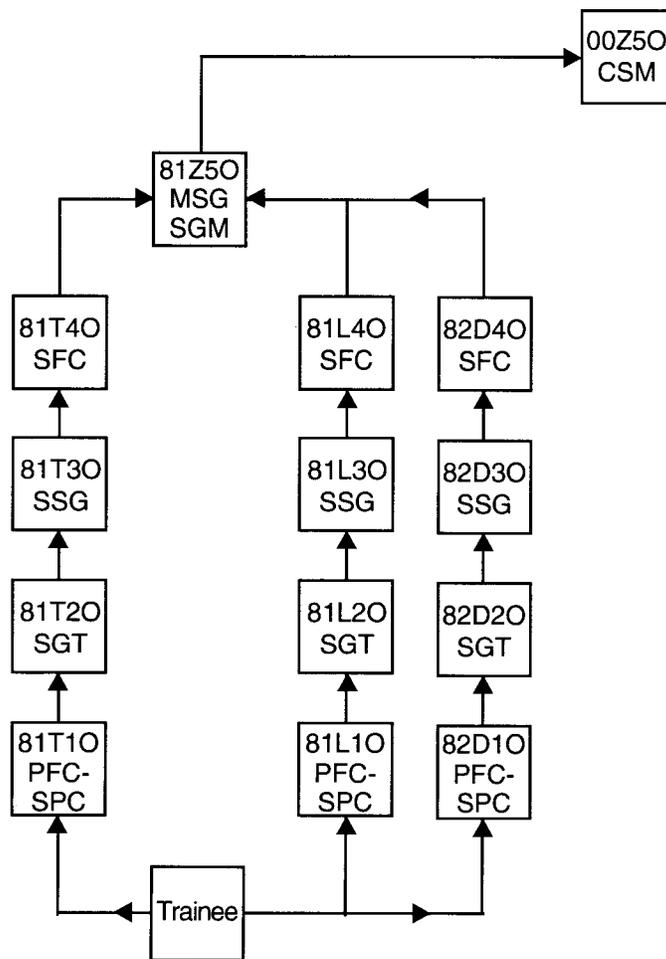
Recruiter  
 Command Sergeant Major  
 Career Counselor  
 Recruiting and Retention NCO (National Guard Component)



—> Line of normal progression.

Figure 10-79. CMF 79—Recruiting and Retention career progression

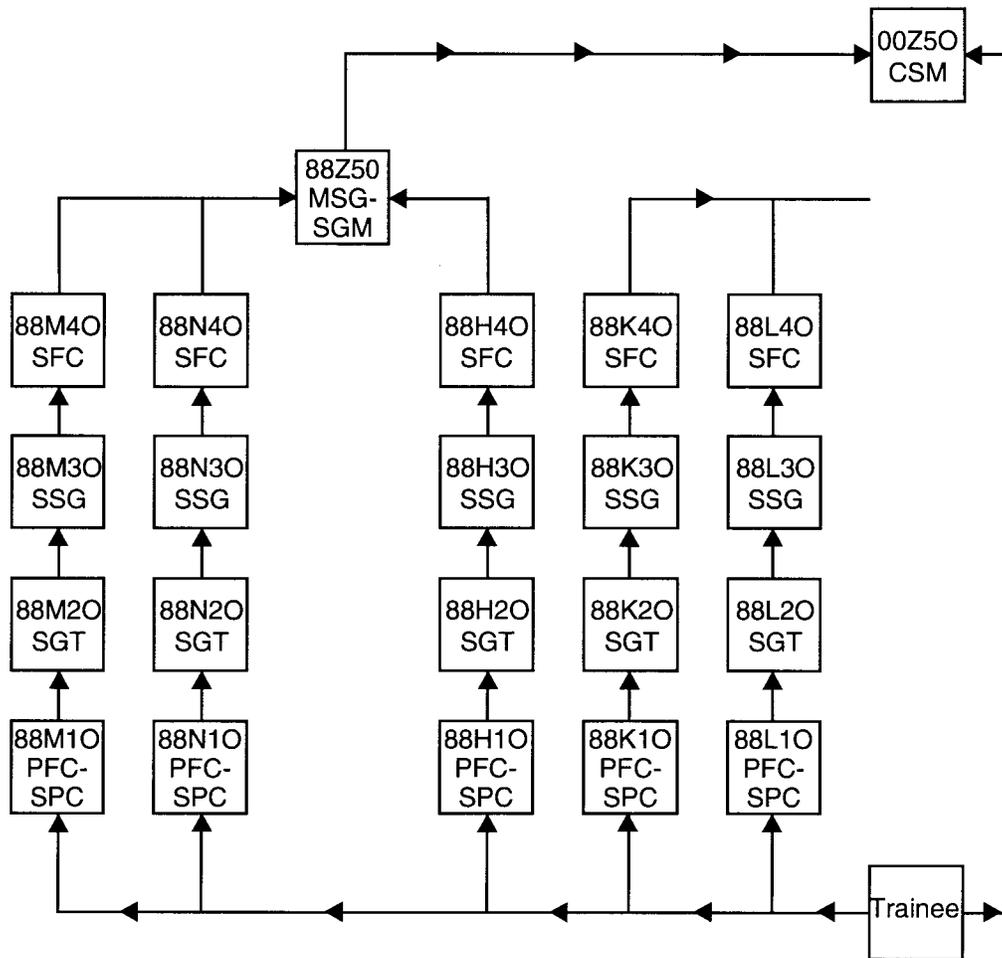
Topographic Analyst      Topographic Engineering Supervisor      Lithographer      Topographic Surveyor      Command Sergeant Major



SUBSTITUTABILITY: None      → Line of normal progression.

Figure 10-81. CMF 81—Topographic Engineering career progression

Motor Transport Operator	Traffic Management Coordinator	Transportation Senior Sergeant	Cargo Specialist	Watercraft Operator	Watercraft Engineer	Command Sergeant Major
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SUBSTITUTABILITY: None

→ Line of normal progression.

Figure 10-88A. CMF 88—Transportation career progression

Railway Equipment Repairer (Reserve Components)	Railway Senior Sergeant (Reserve Components)	Railway Section Repairer (Reserve Components)	Railway Operations Crewmember (Reserve Components)
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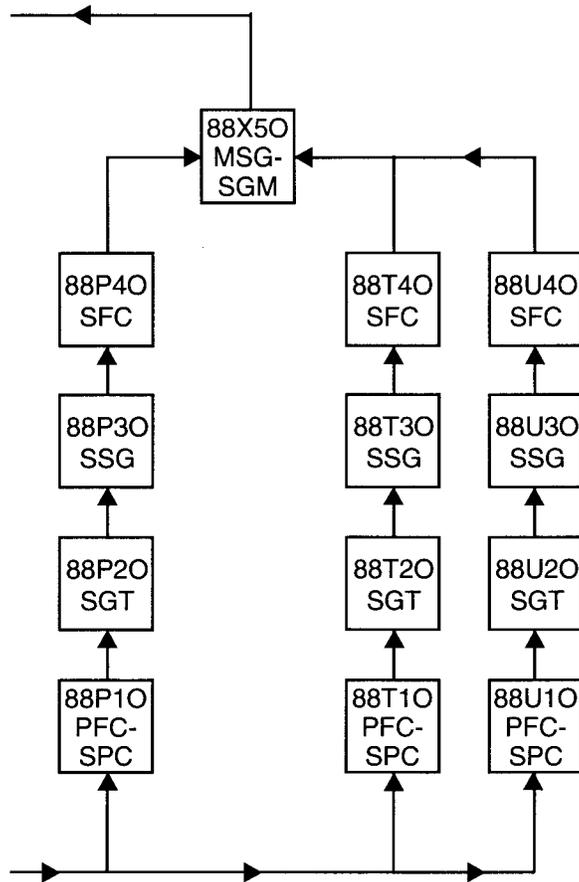
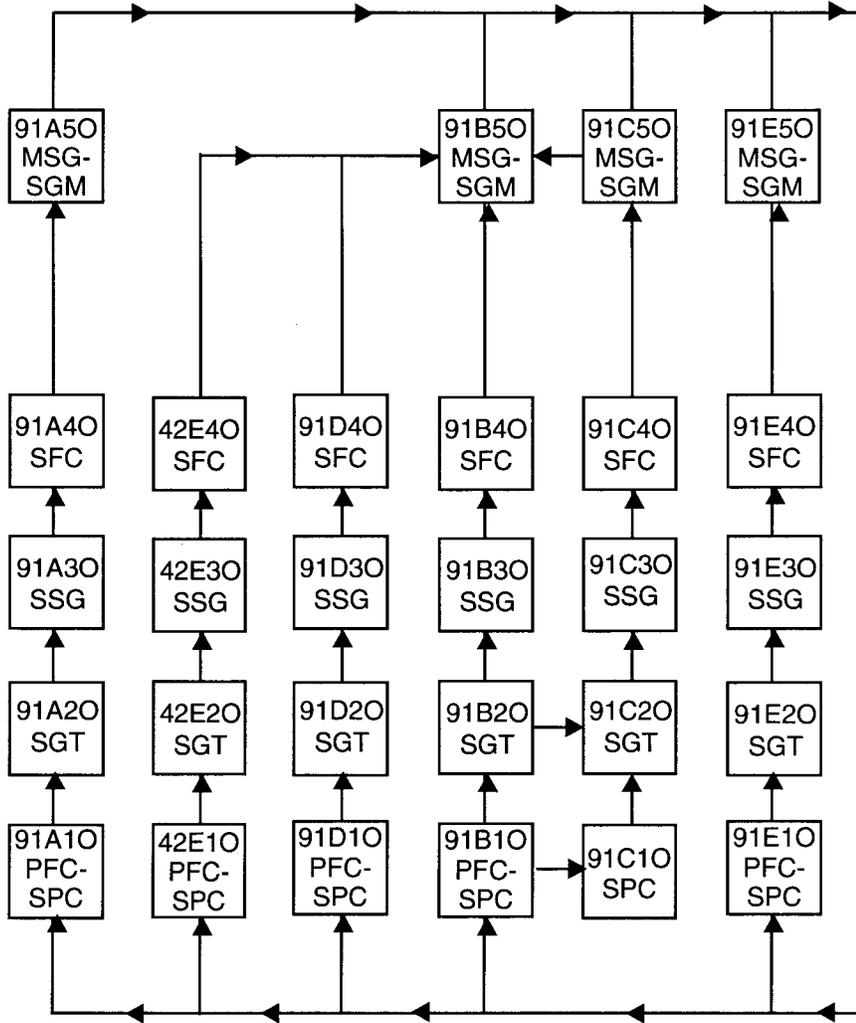


Figure 10-88B. CMF 88—Transportation career progression

Medical Equipment Repairer      Optical Laboratory Specialist      Operating Room Specialist      Medical Specialist      Practical Nurse      Dental Specialist



SUBSTITUTABILITY:  
None.

→ Line of normal progression.  
(Progression to MOS  
91B50 in ranks MSG or  
SGM authorized from any  
MOS in CMF 91)

xx Qualification in MOS is based  
on civilian acquired skills  
criteria outlined in AR 601-210.

Figure 10-91A. CMF 91—Medical career progression

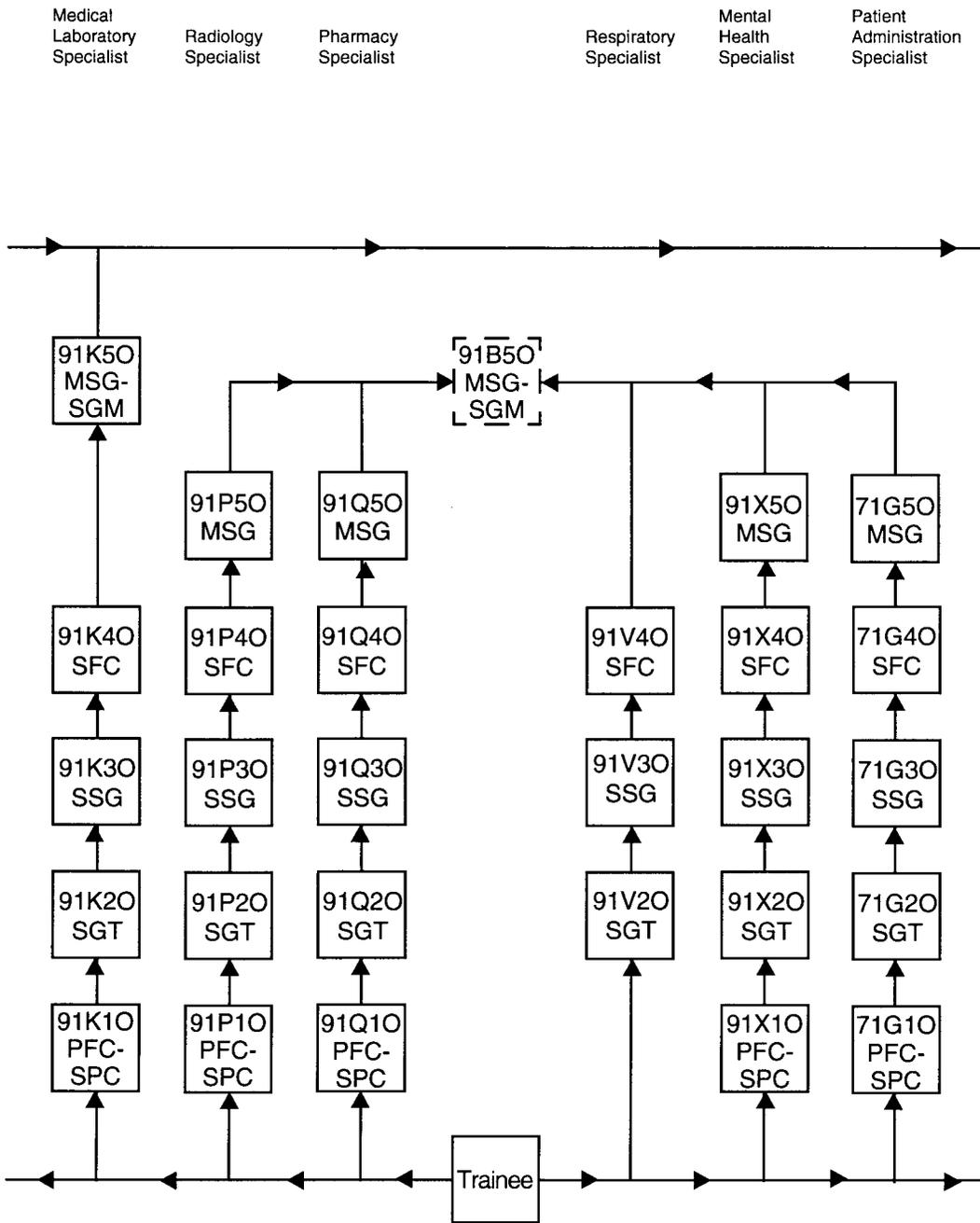


Figure 10-91B. CMF 91—Medical career progression

Command Sergeant Major	Preventive Medicine Specialist	Animal Care Specialist	Veterinary Food Inspection Specialist	Hospital Food Service Specialist	Medical Supply Specialist
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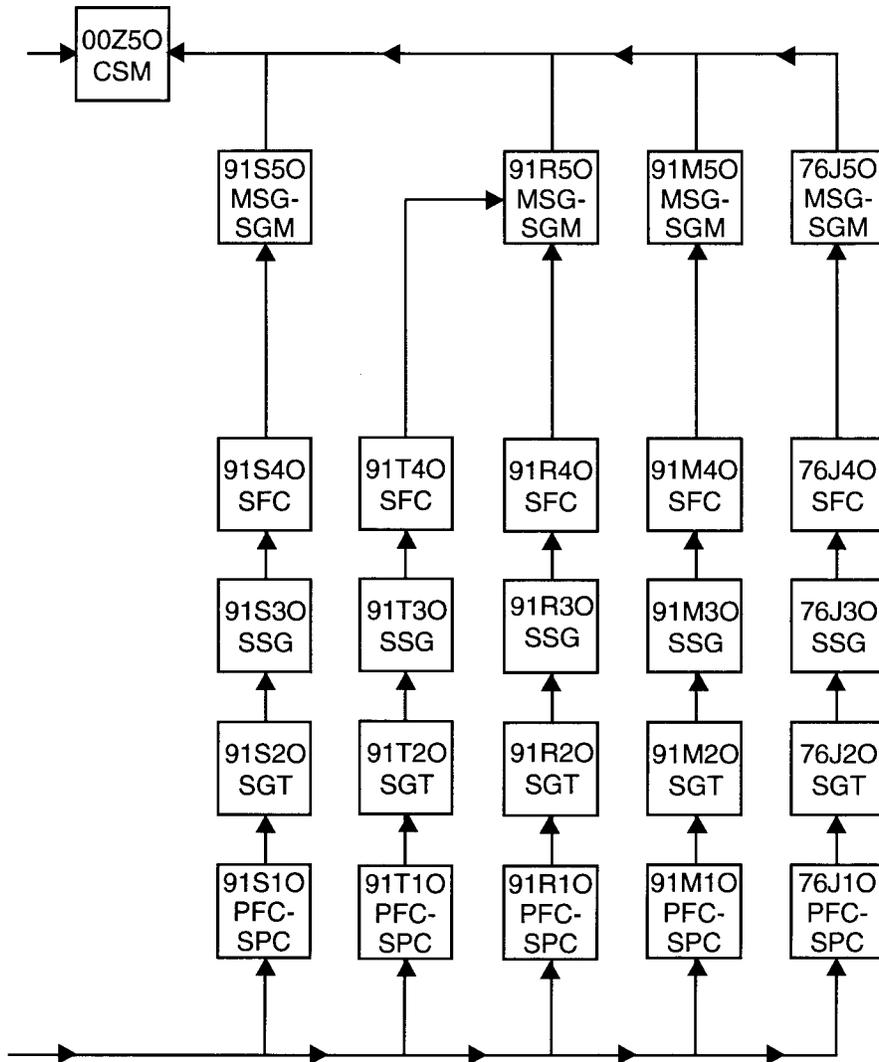
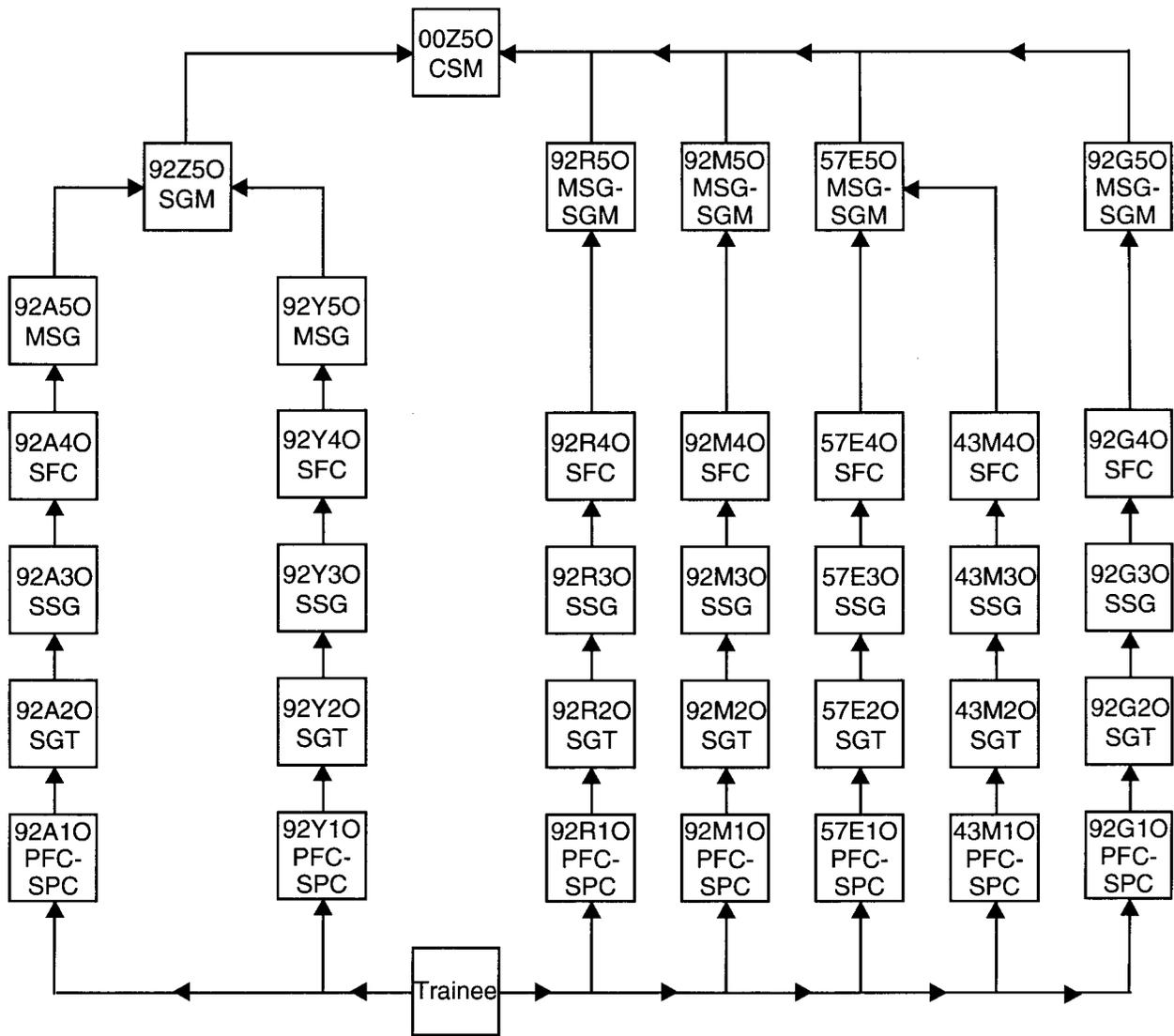


Figure 10-91C. CMF 91—Medical career progression

Automated Logistical Specialist      Senior Noncommissioned Logistician      Unit Supply Specialist      Command Sergeant Major      Parachute Rigger      Mortuary Affairs Specialist      Laundry and Shower Specialist      Fabric Repair Specialist      Food Service Specialist

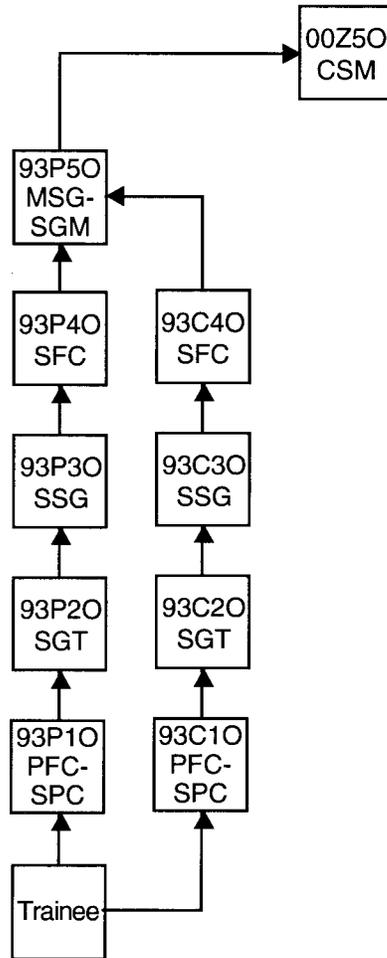


SUBSTITUTABILITY: MOS 92A5M/92Y5M for 1SG positions in either MOS.

→ Line of normal progression.

Figure 10-92. CMF 92—Supply and Services career progression

Aviation Operations Specialist      Air Traffic Control Operator      Command Sergeant Major



SUBSTITUTABILITY: None.      → Line of normal progression.

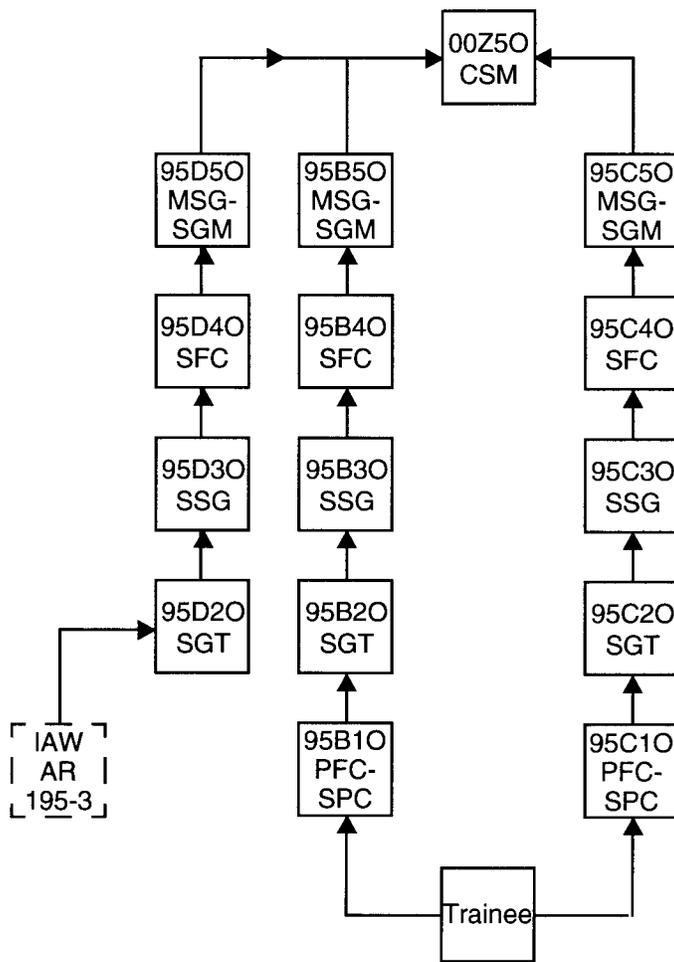
Figure 10-93. CMF 93—Aviation Operations career progression

CID  
Special  
Agent

Military  
Police

Command  
Sergeant  
Major

Corrections  
Specialist



SUBSTITUTABILITY: Between MOS  
95B and 95C at same skill levels.

→ Line of normal progression.

Figure 10-95. CMF 95—Military Police career progression

Unmanned Aerial Vehicle Operator	Ground Surveillance Systems Operator	Imagery Ground Station (IGS) Operator	Imagery Analyst	Intelligence Analyst
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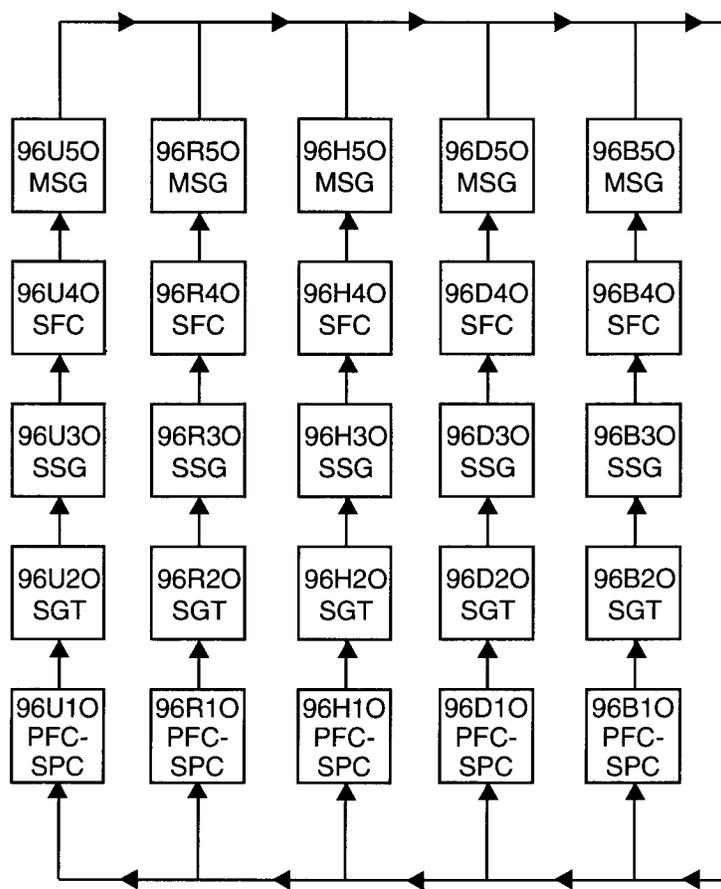
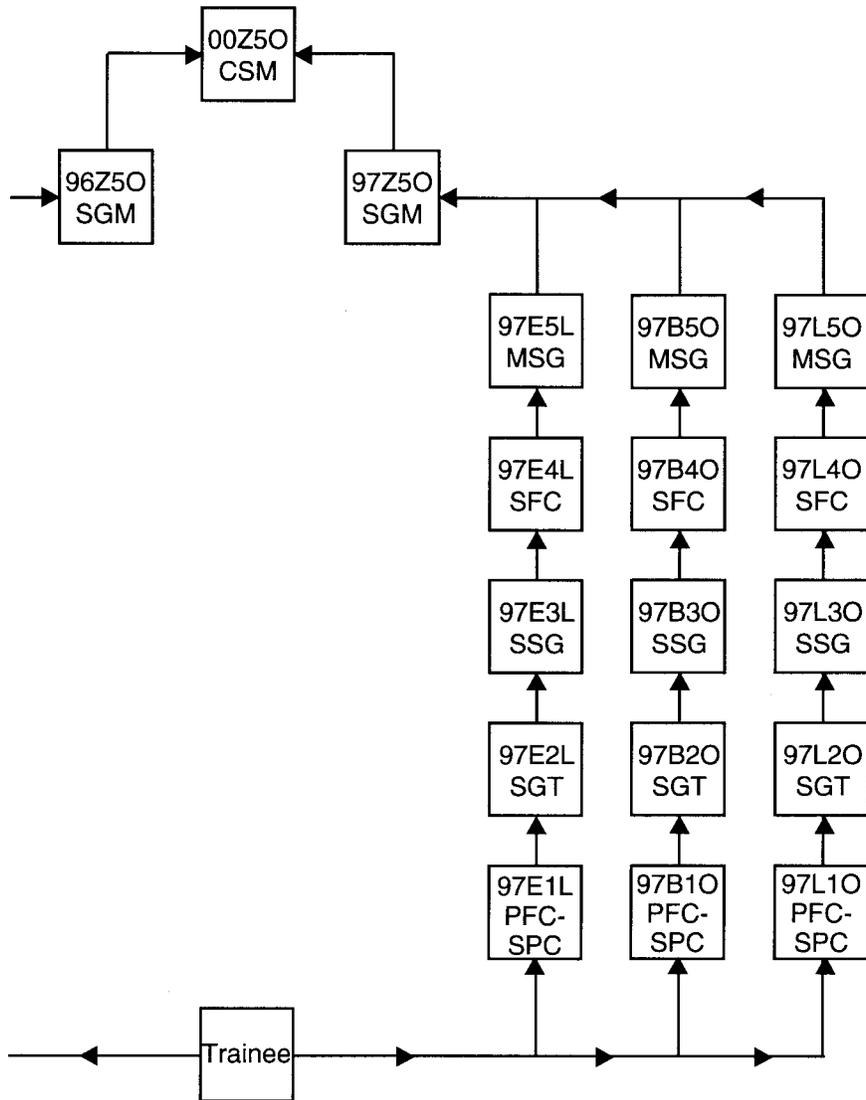


Figure 10-96A. CMF 96—Military Intelligence career progression

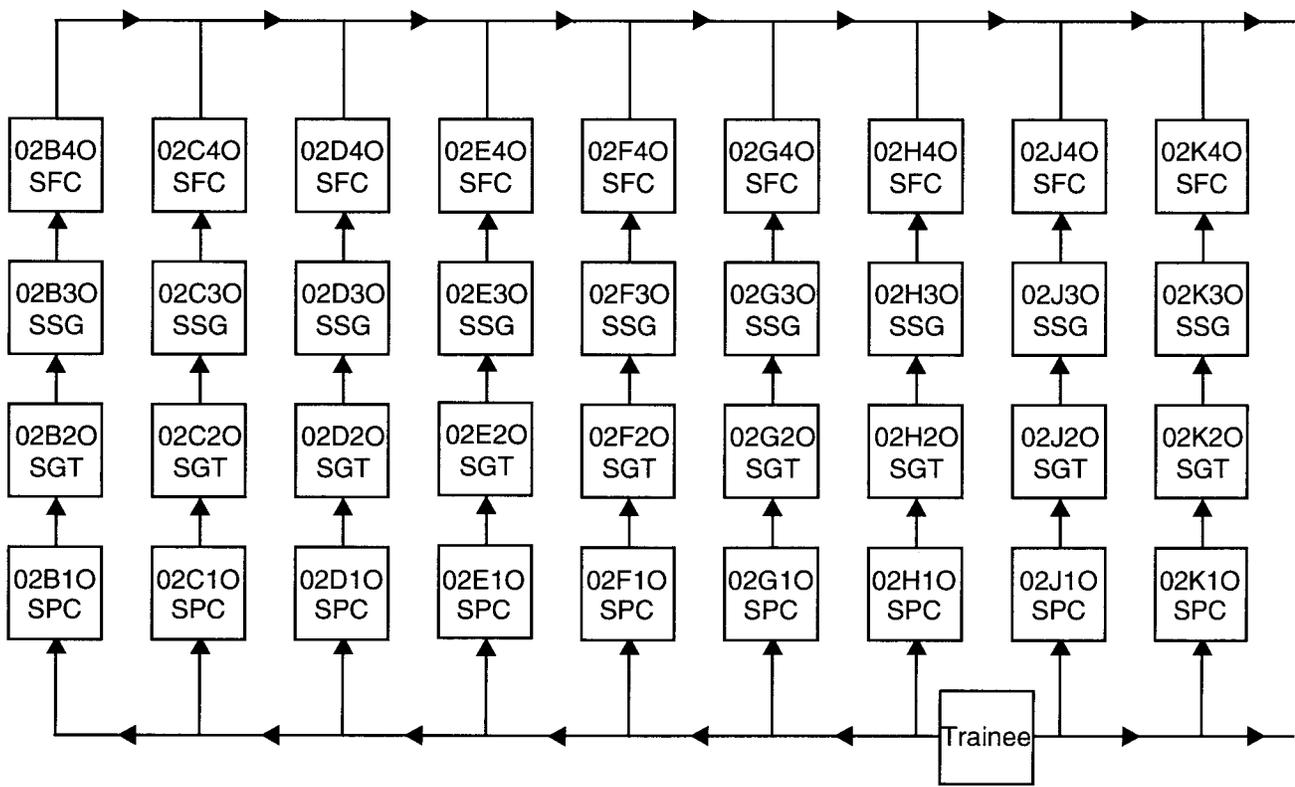
Intelligence Senior Sergeant	Command Sergeant Major	Counter- Intelligence/ Human Intelligence Senior Sergeant	Interrogator	Counter- Intelligence Agent	Translator/ Interpreter (Reserve Components)
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SUBSTITUTABILITY: MOS 97E5M for MOS 97L5M.      —> Line of normal progression.

Figure 10-96B. CMF 96—Military Intelligence career progression

Cornet or Trumpet Player	Euphonium Player	French Horn Player	Trombone Player	Tuba Player	Flute or Piccolo Player	Oboe Player	Clarinet Player	Bassoon Player
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SUBSTITUTABILITY: None

→ Line of normal progression.

NOTE: Personnel in any MOS in this CMF can move laterally to and from MOS 02S.

Figure 10-97A. CMF 97—Bands career progression

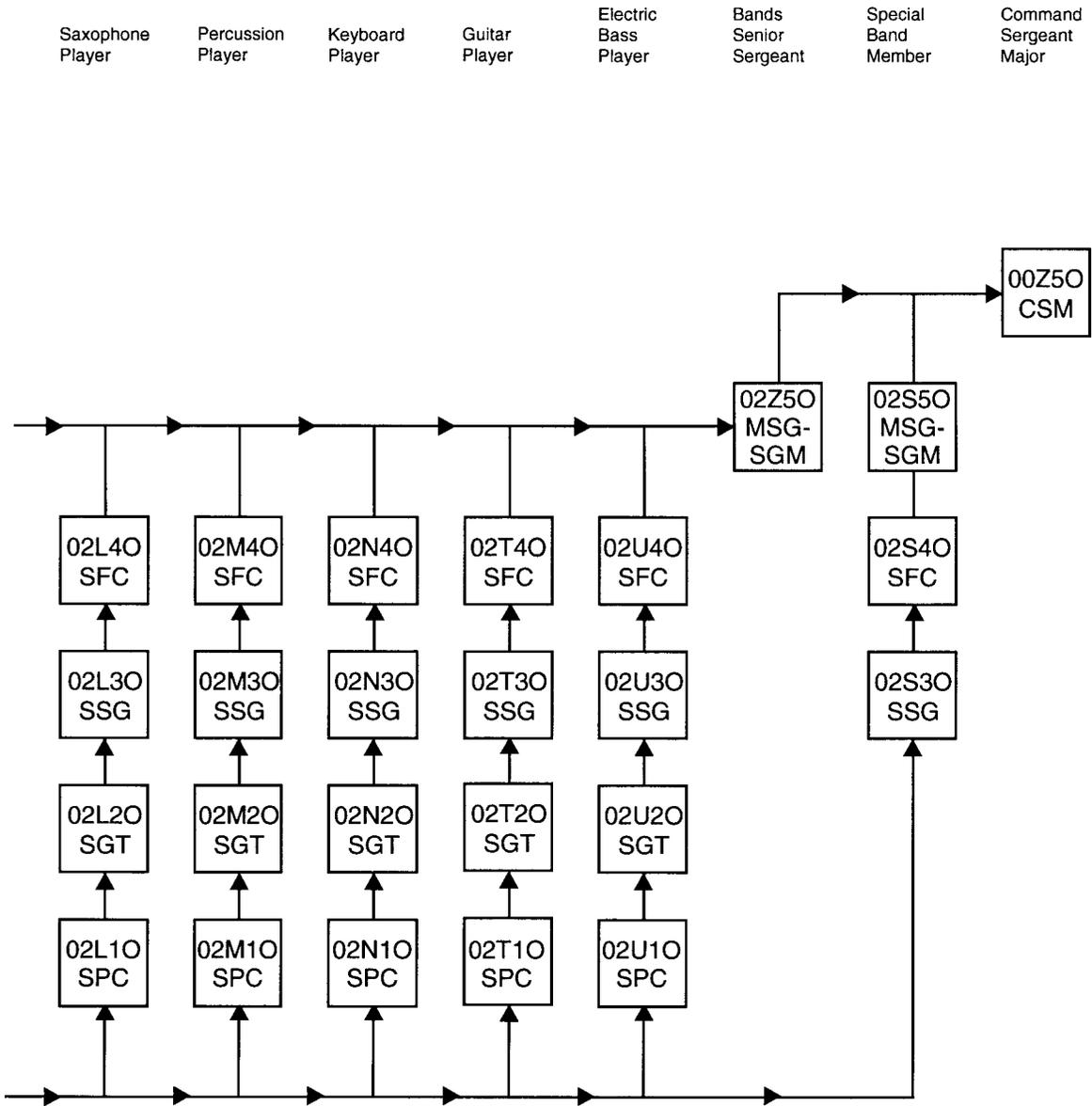
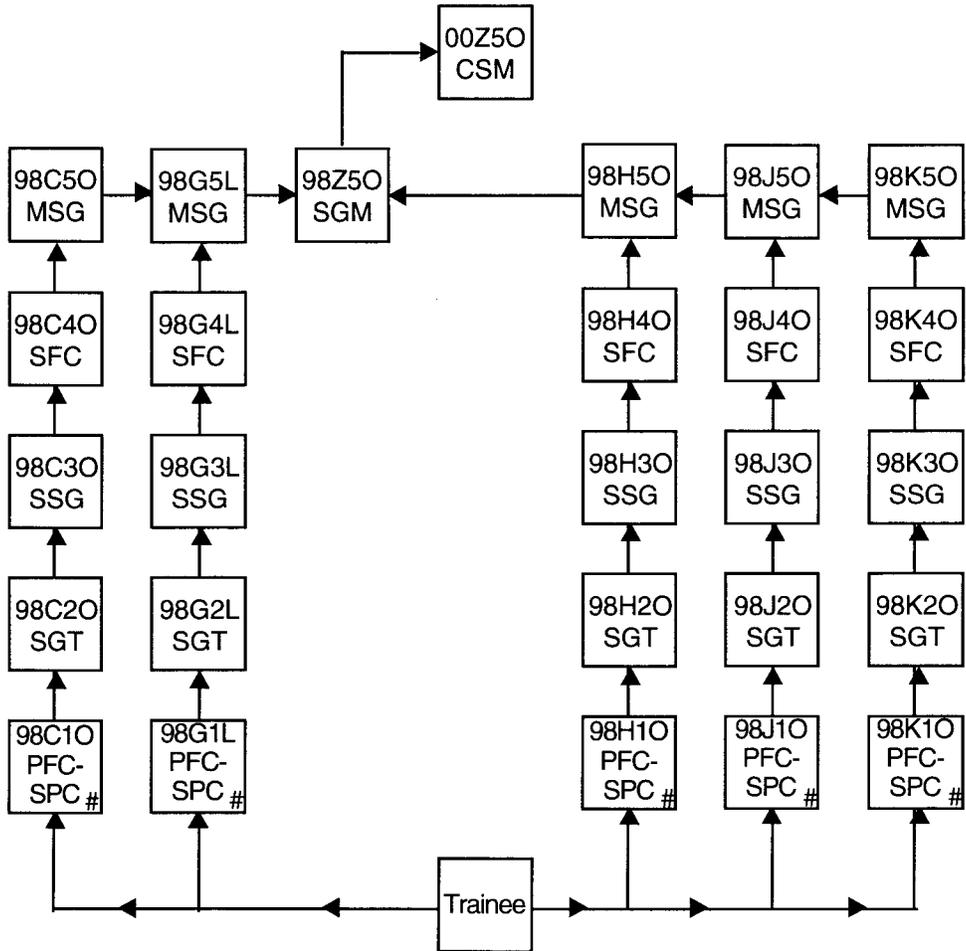


Figure 10-97B. CMF 97—Bands career progression

Signals Intelligence Analyst	Emitter Locator/ Identifier	Voice Interceptor	Command Sergeant Major	Communications Locator Interceptor	Electronic Intelligence Interceptor/ Analyst	Signals Collection/ Identifications Analyst
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SUBSTITUTABILITY: None

→ Line of normal progression.

# Approved Service School Program of Instruction.

Figure 10-98. CMF 98—Signals Intelligence Electronic Warfare Operations career progression

**10-53. 13F—Fire Support Specialist (Fire Support Sp), CMF 13 (Closed to women - see chapter 13)**

*a. Major duties.* The fire support specialist leads, supervises, or serves as in intelligence activities including target processing in FA cannon battalions, division artillery, artillery and maneuver brigade and Corps headquarters and Fire Support Elements.

(1) *MOSC 13F10.* Establishes, maintains, and operates radio and wire communications and speech security equipment including encoding and decoding of messages using CEOI or grid thrust line templates. Prepares and maintains daily staff journal, fire support situation map, status charts, capability overlay, and other fire support and target processing records. Assists in preparation and dissemination of fire support plans, coordinating documents, and target lists and provides liaison support. Assists in initiating requests for field artillery, mortar, naval gunfire, and aerial delivered munitions. Emplaces, maintains, and assists in the operation of laser range finders, target designation, and night observation devices. Operates and performs operator maintenance on section vehicles and generators. Performs crew maintenance and participates in organizational maintenance of section equipment.

(2) *MOSC 13F20.* Assists fire support sergeant in training of subordinates in fire support procedures, techniques, and tactics, and supervision of section operations, maintenance, and training. Leads and trains the forward observer team and Combat Observation Lasing Tech (COLT) in combat operations. Prepares observer target lists and assists in formulating offensive and defensive fire support plans. Initiates requests and adjusts field artillery, mortar, and naval gunfire using all methods of adjustment including continuous and coordinated illumination. Initiates suppressive and screening fire to support scheme of maneuver and performs crater analysis. Selects and occupies observation post (OP). Orients map and prepares terrain sketch and visibility diagram.

(3) *MOSC 13F30.* Instructs, advises and evaluates forward observers and fire support personnel in tactics, techniques, and procedures. Supervises the performance of operator, crew, and organizational maintenance on section vehicles and equipment. Leads and trains the fire support team (FIST) operations at company level. Supervises and directs the construction, camouflage, and defense of the section position. Assists senior targeting NCO in targeting cells.

(4) *MOSC 13F40.* Leads and trains the targeting elements of the DIVARTY Tactical Operations Center (TOC), or FA Brigade TOC or the fire support element at battalion or higher levels during combat operations. Advises and assists fire support sergeants of subordinate elements in fire planning and coordination techniques. Drafts fire support plans for tactical operations orders and plans. Coordinates plans for company, battalion, and brigade fire support and integrates them with the overall scheme of maneuver. Recommends the employment of fire support means to include naval gunfire and close air support. Recommends employment of target acquisition assets and target selection standards to include COLT employment. Assists in the target analysis and fire planning at the brigade, division, and Corps fire support element (FSE). Supervises the performance of operator, crew, and organizational maintenance on section vehicles.

*b. Physical demands rating and qualifications for the initial award of MOS.*

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111111.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area FA.
- (5) Skill levels 1 and 2 soldiers must possess a CONFIDENTIAL security clearance.
- (6) Skill level 3 and 4 soldiers must possess a SECRET security clearance.
- (7) Formal training (completion of MOS 13F course conducted under auspices of USA FA School) mandatory.
- (8) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) F9—Advanced Field Artillery Tactical Data System.
- (2) P5—Master Fitness Trainer.
- (3) Q8—Tactical Air Operations.
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-13F-1.* Physical requirements.
- (2) *Table 10-13F-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-13F-3.* Standards of grade TDA.

**10-54. 13M—Multiple Launch Rocket System (MLRS) Crewmember (MLRS Crmbr), CMF 13 (Closed to women - see chapter 13)**

*a. Major duties.* The MLRS crewmember supervises or serves as a member of an MLRS crew or section.

(1) *MOSC 13M10.* Drives the M270 Self Propelled Loader Launcher (SPLL) and the ammunition resupply vehicle and trailer. Performs operator/crew maintenance on the SPLL and ammunition resupply vehicle and trailer. Performs operator/crew maintenance on the SPLL and ammunition resupply vehicle. Performs ammunition reload operations on the launcher and resupply vehicle. Tests, removes, and replaces fire control system components as needed on the M270 launcher and the launch pod/container trainer. Mounts radio sets in vehicles, cables communication components in M270 launcher, and operates and performs operator maintenance on communications equipment.

(2) *MOSC 13M20.* Assists section chief in supervision of operations, maintenance, and training. Leads and instructs the reconnaissance team in combat operations. Assists the ammunition section chief in supervision of the section during ammunition resupply operations, maintenance, and training. Performs start-up of fire control system, and operates MLRS fire control system in all modes of operation. Makes manual fire control entries and enters meteorological data into the fire control system. Fires weapon on command. Performs fire control system diagnostic test using built-in test equipment. Prepares launcher-loader module for reload and performs maintenance operations. Conducts reconnaissance to determine routes and precise firing location sites.

(3) *MOSC 13M30.* Leads and trains firing section or ammunition section. Supervises crewmembers during fire mission processing and ammunition reload operations. Supervises the performance of operator, crew, and organizational maintenance on section vehicles. Plans movement routes to and from firing areas and selects sites for launcher emplacement. Checks site to crest mask at firing positions. Coordinates requirements for organizational maintenance. Enforces OPSEC procedures and adherence to safety procedures involving launcher firing.

(4) *MOSC 13M40.* Assists platoon leader in the planning, preparation, and execution of collective training activities of the platoon. Conducts reconnaissance of platoon positions, reload points, and platoon area survey points. Supervises operator and organizational maintenance of equipment, vehicles, weapons, and communication and speech secure equipment. Leads in the operation of the PLDMD. Supervises the emplacement and march order of platoon elements. Supervises and directs convoy movement of ammunition resupply vehicles. Responsible for the receipt, accountability, distribution, and storage of ammunition. Develops and maintains external and internal SOPs. Organizes platoon defense. Presents briefings on current platoon operations and situation. Supervises platoon headquarters personnel including assignment of duties. Assumes duties of platoon leader in his absence. Maintains and processes operations and intelligence information to include situation maps. Plans and selects reload points, launch areas, and ammunition cache sites. Monitors platoon fire missions, launcher status, and logistic requirements. Coordinates positioning of platoon elements with maneuver and support elements. Conducts reconnaissance and selects routes between the Ammunition Transfer Point and Ammunition Supply Point. Coordinates with ammunition officer for location of transfer

points, amount, and mix of ammunition. Supervises the preparation and distribution of maps, operational information, and status reports.

*b. Physical demands rating and qualifications for the initial award of MOS.* MLRS crewmembers must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Color discrimination of red/green.
- (4) A minimum score of 105 in aptitude area OF.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Must possess a valid motor vehicle operator license or meet the criteria for motor vehicle driver and equipment operator selection, training, testing and licensing contained in AR 600-55.
- (8) Formal training under the auspices of USAFAS is mandatory to qualify for award of the MOS.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-13M-1.* Physical requirements.
- (2) *Table 10-13M-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-13M-3.* Standards of grade TDA.

### **10-55. 13P—Multiple Launch Rocket System Operations/ Fire Direction Specialist (MLRS Op/FD Sp)**

CMF 13 (Closed to women - see chapter 13).

*a. Major duties.* The multiple launch rocket system operations/ fire direction specialist leads, supervises, or serves as a member of a MLRS fire direction center or firing platoon headquarters.

(1) *MOSC 13P10.* Records and transmits firing data using the Fire Direction System (FDS) and voice radio. Operates FDS, Advanced Field Artillery Tactical Data System (AFATDS), and MLRS communications equipment. Participates in gathering of operations and intelligence data. Plots using fire capability charts and friendly and enemy situation maps. Records ammunition expenditure, equipment serviceability, situation, firing point, target, and mission reports. Drives section vehicles, performs operator/crew maintenance on section vehicles, generators, and equipment. Aids in collection and transmission of data. Installs, maintains, and operates radio wire communications, digital communications devices, and secure voice equipment.

(2) *MOSC 13P20.* Assists in leading and directing fire direction personnel. Leads 13P personnel in MLRS Platoon FDC. Plots information using firing capabilities charts, friendly and enemy situation maps. Operates FDS, AFATDS, and MLRS communications equipment. Converts fire orders to fire commands.

(3) *MOSC 13P30.* Leads and instructs personnel in techniques and procedures in computation of firing data. Leads and instructs the operation of the FDS, AFATDS, and MLRS communications equipment. Leads personnel in MLRS Battery FDC. Maintains fire capability charts, and friendly and enemy situation maps. Maintains ammunition accountability, equipment serviceability, situation, firing point, target, and mission reports. Supervises operator/crew maintenance on section vehicles, generators, and equipment.

(4) *MOSC 13P40.* Supervises operations of FDC to ensure proper computations, plotting of targets and issuance of fire commands. Plans and organizes work schedules and assigns duties to fire direction personnel. Instructs and supervises personnel in techniques and procedures in computation of firing data. Reviews, consolidates, and prepares technical, personnel, and administrative reports covering fire direction activities. Supervises the operation and maintenance of equipment in a MLRS Battalion FDC/Operations section. Leads and instructs in techniques and procedures in computation of firing data. Leads and instructs FDC personnel in tactical fire control of a MLRS Battalion.

*b. Physical demands ratings and qualifications for the initial*

*award of MOS.* MLRS/LANCE operations/fire direction specialist must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 222221.
- (3) Color discrimination of red/green.
- (4) A minimum score of 100 in aptitude area FA.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training under auspices of USAFAS is mandatory to qualify for award of the MOS.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) Y1—Transition.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-13P-1.* Physical requirements.
- (2) *Table 10-13P-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-13P-3.* Standards of grade TDA.

### **10-56. 13R—Field Artillery (FA) Firefinder Radar Operator (FA Firefinder Rdr Opr), CMF 13 (Closed to women - see chapter 13)**

*a. Major duties.* The FA firefinder radar operator operates or provides leadership in the operation of FA radar systems.

(1) *MOSC 13R10.* Establishes and maintains radio and wire communications; Prepares for operation, and operates and maintains firefinder radars (AN/TPQ-36 or AN/TPQ-37) and associated equipment. Constructs fortifications, bunkers, and crew-served weapons emplacements. Operates and performs operator maintenance on prime movers, radar system, and associated equipment.

(2) *MOSC 13R20.* Leads and supervises the preparation for operations and operates and maintains firefinder radars. Assists section chief in controlling soldiers and equipment also provides technical guidance to lower grade soldiers. Takes part in the reconnaissance and selection of site for emplacement of radar. Supervises and schedules operational maintenance on radar and associated equipment. In the absence of the section chief, assumes the duties of the section chief.

(3) *MOSC 13R30.* Leads and supervises the combat operation of firefinder mortar locating radars. Leads, trains, and supervises soldiers in operation and maintenance of radar and associated equipment. Provides leadership and training for integrated target acquisition operations. Instructs soldiers in radar operation, techniques, and procedures. Leads and supervises unit maintenance on firefinder radar and ancillary equipment, and operator maintenance on organic communications equipment and vehicles. Evaluates, processes, and reports target information to Bn/Divarty. Recommends positioning of direct support target acquisition radar assets, sectors of search, and radar zone positioning. Recommends cueing guidance to Bn/DIVARTY counterfire officer for weapon locating radars.

(4) *MOSC 13R40.* Leads and supervises the combat operations of radar platoons. Leads soldiers performing duties of FA firefinder radar operator. Conducts map and ground reconnaissance of general position areas for relocation of weapons locating radar. Coordinates survey data. Ensures radar visibility diagrams are constructed correctly for posting on battery capabilities chart. Conducts, coordinates, and evaluates platoon training. Leads, supervises, and trains the targeting element in a Tactical Operations Center in conjunction with the Fire Support Element (FSE). Collects and disseminates intelligence information and applies these products to the tactical employment of TA assets and counterfire operations. Assist in monitoring target acquisition assets operations, status, and current and proposed locations. Recommends TA coverage to include command and control relationships of organic and attached TA assets. Provides input to DIVARTY S-2 for consolidation into the Target Acquisition Tab. Recommends the positioning of General Support TA assets, sector of search, and radar zone positioning. Prepares

Radar Deployment Orders (RDO) as required. Assists in maintaining the artillery OB Data Base and target file. Recommends cueing guidance to the S-2 for all Division TA assets. Assists in preparing the Target Acquisition Tab of the FA Support Plan. Coordinates logistics requirements and prepares reports summarizing data obtained from radar sections on troop strengths, logistics, surveillance techniques, and tactical operations.

*b. Physical demands rating and qualifications for the initial award of MOS.* FA firefinder radar operators must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area SC.
- (5) Security clearance of SECRET.
- (6) Formal training (completion of MOS 13R course conducted under auspices of USA FA School) mandatory.
- (7) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-13R-1.* Physical requirements.
- (2) *Table 10-13R-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-13R-3.* Standards of grade TDA.

### **10-57. 13Z—Field Artillery Senior Sergeant (FA Sr Sgt), CMF 13**

*a. Major duties.* FA senior sergeant leads in the fire support, operations/intelligence, and target acquisition activities in a field artillery battalion, brigade, division artillery, or corps artillery. Other major duties are leading soldiers performing duties in field artillery MOS performs principal duties for SQI "M". Leads soldiers performing duties in field artillery MOS. Leads and supervises the operation of the unit command post in accordance with directives. Leads, supervises, and participates in coordination and implementation of cannon, missile, rocket, or target acquisition operations, training programs, administrative matters, and communication activities, providing tactical and technical guidance to subordinates, and professional support to lower and higher grade soldiers in the accomplishment of their duties. Monitors, inspects, and evaluates FA training programs.

(1) Leads and supervises the preparation and distribution of maps, operational information, operational reports, training materials. Supervises the maintenance of staff journals, files, records, and training materials. Serves as the principal NCO of FA battalion, brigade, division artillery, or Corps artillery operations activity and supervises the processing operations and intelligence information. Prepares operational SOP.

(2) Supervises and maintains classified files, records, processing of individual security clearances. Leads, supervises, and participates in identifying and indicating location, strength, tactical deployment, and emplacement of enemy units.

*b. Physical demands ratings and qualifications for initial award of MOS.* FA senior sergeants 13Z50 must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222221.
- (3) Color discrimination of red/green.
- (4) Minimum score in aptitude area—N/A.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-13Z-1.* Physical requirements.
- (2) *Table 10-13Z-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-13Z-3.* Standards of grade TDA.

### **10-58. 14D—HAWK Missile System Crewmember (HAWK Msl Sys Crmbr) (Reserve Components), CMF 14**

*a. Major duties.* The HAWK missile system crewmember supervises or serves as a member of a command and acquisition, missile resupply, radar firing and fire control section. Performs operator maintenance on the HAWK fire control section, missile launching and storage areas, and supervises or performs ADA operations and intelligence functions. Duties for MOS 14D at each skill level are:

(1) *MOSC 14D10.* Operates, adjusts, and performs operator maintenance on assigned equipment. Performs as a crewmember during march order and emplacement of HAWK and associated equipment. Performs operation and intelligence functions. Establishes and maintains radio and wire communications.

(2) *MOSC 14D20.* Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Collects, consolidates and processes operations and intelligence information.

(3) *MOSC 14D30.* Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Supervises and participates in unit level training and training management. Assists in the establishment and operation of command posts and operation centers. Supervises unit ADA operations and operator maintenance of associated equipment.

(4) *MOSC 14D40.* Perform duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Conducts platoon/section reconnaissance, selection, and occupation of position (RSOP). Performs and supervises the operation of ADA battle management centers and elements. Performs operations, intelligence and training functions.

*b. Physical demands rating and qualifications for initial award of MOS.* HAWK missile crewmembers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Color discrimination of red/green.
- (4) A minimum score of 100 in aptitude area OF.
- (5) A security clearance of SECRET.
- (6) Formal training (completion of MOS 14D course conducted under auspices of U.S. Army ADA School) mandatory.
- (7) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG related to each skill level are listed in the following tables:

- (1) *Table 10-14D-1.* Physical requirements.
- (2) *Table 10-14D-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-14D-3.* Standards of grade TDA.

### **10-58.1. 14E—PATRIOT Fire Control Enhanced Operator/Maintainer (PATRIOT Fire Ctrl Enh Opr/Maint), CMF 14**

*a. Major duties.* The PATRIOT fire control enhanced operator/maintainer supervises or serves in an air defense unit or as a member of an air defense activity engaged in operations or intelligence functions of liaison units. Responsible for system emplacement, initialization, and operator/organizational level system maintenance and services, (limited to the ability to detect improper equipment operation or malfunction by use of the senses, embedded diagnostic

aids; e.g., BIT/BITE and/or on-board test equipment, Test Measurement and Diagnostic Equipment (TMDE) (e.g., multimeter to perform low voltage and continuity checks), technical references, technical inspections, adjustments, removal and replacement of battery replaceable units/line-replaceable units (BRUs/LRUs), and other tasks authorized in the maintenance allocation chart (MAC), and preventive maintenance checks and services (PMCS) required to sustain or return the PATRIOT Fire Control Section (FCS), Fire Direction Section (FDS), and associated equipment to its operational readiness condition. Performs Battle Damage Assessment Repair (BDAR), near-real time status reporting, report generation, and system deployment. Evaluates target data and identifies and engages targets. Major duties for MOS 14E at each level or skill are:

(1) *MOSC 14E10*. Performs march order and emplacement of the FCS, FDS and associated equipment. Initialize and operates the Information and Coordination Central (ICC), Engagement Control Station (ECS), radar set, Identification Friend or Foe (IFF) Interrogator, Antenna Mast Group (AMG), and remotely located Communications Relay Group (CRG). Performs organizational level system maintenance and PMCS on FCS and FDS equipment. Evaluates target data and identifies and engages targets. Performs operation and intelligence duties, operates/performs PMCS on PATRIOT system prime movers and power units, and establishes and maintains radio and wire communications.

(2) *MOSC 14E20*. Performs duties in preceding skill level and provides technical guidance to lower grade personnel. Supervises and performs organizational level system maintenance and PMCS on FCS and FDS equipment. Supervises march order and emplacement of FCS, FDS and associated equipment.

(3) *MOSC 14E30*. Performs duties in preceding skill level and supervises the operations and organizational level system maintenance and PMCS on FCS and FDS equipment. Enforces safety procedures and standards. Supervises the operation tactical communications. Supervises and participates in unit level training and training management. Performs operations and intelligence duties and serves as unit liaison.

(4) *MOSC 14E40*. Performs duties in preceding skill level and monitors the operations and operator maintenance of the FCS and FDS platoons. Provides technical training and guidance to subordinate personnel. Assists in supervising operations and intelligence functions.

(5) *MOSC 14E50*. Performs duties in preceding skill level, supervises and provides technical guidance to lower grade soldiers in the accomplishment of their duties. Prepares status reports. Monitors unit equipment readiness. Coordinates with maintenance/logistical support activities. Assists in organization planning, operations and training.

*b. Physical demands rating and qualifications for initial award of MOS. PATRIOT fire control enhanced operator/maintainer must possess the following qualifications:*

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area MM.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training (completion of MOS 14E course conducted under the auspices of the U.S. Army Air Defense Artillery School) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

- (1) *Table 10-14E-1*. Physical requirements.
- (2) *Table 10-14E-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-14E-3*. Standards of grade TDA.

## **10-59. 14J—Air Defense Command, Control, Communications, Computers and Intelligence Tactical Operations Center Enhanced Operator/Maintainer (AD C4I TOC Enh Op/Maint), CMF 14 (Closed to women-see chapter 13)**

*a. Major duties.* The AD C4I systems enhanced operator/maintainer supervises or serves in an air defense unit or as a member of an air defense activity engaged in operations or intelligence functions of liaison units. Responsible for AD C4I system march order, emplacement, initialization and operator/organizational level system maintenance (limited to the ability to detect improper equipment operation or malfunction by use of the senses, embedded diagnostic aids; e.g. BIT/BITE and/or on-board test equipment, Test Measurement and Diagnostic Equipment (TMDE) (example, multimeter to perform low voltage and continuity checks), technical references, technical inspections, adjustments, removal and replacement of battery replaceable units/lines replaceable units (BRUs/LRUs), and other tasks authorized in the maintenance allocation chart (MAC) and preventive maintenance checks and services (PMCS) required to sustain or return the AD C4I system High to medium Altitude Air Defense (HIMAD)/Short Range Air Defense (SHORAD) weapons systems, Light and Special Division Interim Sensor (LSDIS), Ground Based Sensor (GBS), or Joint Tactical Ground Stations (JTAGS), Local Area Network (LAN), Wide Area Network (WAN), and remote video displays to its operational readiness condition. Duties for MOS 14J at each level of skill are:

(1) *MOSC 14J10*. Performs march order, emplacement, initialization, and operator/organizational level system maintenance and PMCS on HIMAD/SHORAD Battalion/Brigade, Air and Missile Defense Planning Control Systems (AMDPCS) as well as operating the LSDIS/GBS. Evaluates tactical electronic intelligence data for force/engagement operations in a joint service network. Performs operations and intelligence duties and operates/performs operator PMCS on vehicles/system prim power units. Performs data connectivity between AD communications equipment, Tri-Services Tactical Communications (TRITAC) network, Mobile Subscriber Equipment (MSE), and Link-11 with Army, Air Force, Navy, Marine Corps and Allied Nations. Performs on-line/off-line Common Hardware-Software diagnostics and fault isolation programs. Emplaces, initializes, operates, and march orders LAN, WAN, JTAGS and remote video displays.

(2) *MOSC 14J20*. Performs duties in preceding skill levels and serves as a crew chief in Air Defense Command and Control (C2) nodes or LSDIS/GBS section. Supervises soldiers and provides technical guidance to subordinate soldiers. Performs data connectivity between Air Defense communications equipment, TRITAC, MSE and Link-11 with Army, Air Force, Navy, Marine Corps and Allied Nations. Performs online/offline Common Hardware-Software diagnostics and fault isolation programs. Emplaces, operates and maintains LAN, WAN and remote video displays. Responsible for the emplacement, operation and maintenance of JTAGS.

(3) *MOSC 14J30*. Performs duties in preceding skill levels, supervises the operation and organizational maintenance for AD C4I systems. Establishes, supervises and participates in unit level training for crew certification programs and Air Defense exercises. Performs intelligence duties and serves as unit liaison.

(4) *MOSC 14J40*. Performs duties in preceding skill levels. Supervises operations, and organizational maintenance for all AD C4I systems. Provides technical guidance to subordinate soldiers. Performs operations and intelligence duties at battalion and higher level. Directs, instructs and evaluates tactical operating procedures. Monitors unit equipment readiness and prepares monthly unit readiness reports (URRs). Trains, evaluates, and certifies AD C4I systems personnel at the unit/battalion level. Assists in supervising maintenance records and maintaining supportive stockage procedures. Assist in designing and implementing the maintenance program.

*b. Physical demands rating and qualifications for initial award of MOS.* Air defense C4I TOC enhanced operator/maintainer must possess the following qualifications:

- (1) A physical demands rating of very heavy.

- (2) A physical profile of 222221.
- (3) Color discrimination of normal color vision.
- (4) A minimum score of 100 in aptitude area MM.
- (5) A minimum score of 100 in aptitude area GT.
- (6) A security clearance of SECRET.
- (7) A U.S. citizen.
- (8) Formal training (completion of MOS 14J course conducted under the auspices of the U.S. Army Air Defense Artillery School) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) Y2—Transition.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-14J-1.* Physical requirements.
- (2) *Table 10-14J-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-14J-3.* Standards of grade TDA.

**10-59.1. 14L—AN/TSQ-73 Air Defense Artillery Command and Control System Operator/Maintainer (AN/TSQ-73 ADA CCS OP/Maint) (Reserve Components), CMF 14**

*a. Major duties.* The AN/TSQ-73 air defense artillery command and control system operator/maintainer supervises, operates and performs unit level and direct support/general support maintenance on the AN/TSQ-73 command and control system; Pulse Acquisition Radar (PAR), Identification, Friend or Foe (IFF) and associated communications equipment for the Fire Direction Center (FDC). Duties for MOS 14L at each level of skill are:

(1) *MOSC 14L10.* Operates and performs maintenance on the AN/TSQ-73 ADA command and control system, IFF, PAR and communications equipment in collection, evaluation and distribution of target data to ADA fire units and tactical air control systems and tactical air defense systems. Prepares AN/TSQ-73 ADA command and control system, IFF, PAR and communications equipment in collection, evaluation and distribution of target data to ADA, fire units and tactical air control systems and tactical air defense systems. Prepares AN/TSQ-73, PAR and IFF equipment for travel. Performs march order and emplacement procedures. Performs reconnaissance, selection, and occupation of position (RSOP) and surviving to operate procedures. Prepares for and performs denial or destruction of equipment.

(2) *MOSC 14L20.* Performs duties in preceding skill level, supervises and provides technical guidance to subordinate soldiers. Collects and transmits intelligence data to firing batteries and other units during air defense fire distribution center operations. Coordinates training activities and requirements. Supervises a unit team of AN/TSQ-73 ADA command and control system operators/maintainers.

(3) *MOSC 14L30.* Performs duties in preceding skill levels, supervises and provides technical guidance to subordinate soldiers. Supervises the operation and maintenance of the AN/TSQ-73 system, IFF, PAR and associated communications equipment at battalion or higher level. Determines faulty work practices and demonstrates proper maintenance and troubleshooting techniques. Establishes and supervises training programs for alert procedures, air defense exercises, preventative maintenance programs and annual service practice tactical evaluations.

(4) *MOSC 14L40.* Performs duties in preceding skill levels, supervises and provides technical guidance to subordinate soldiers. Performs operations and intelligence duties at battalion and higher level. Directs, instructs and evaluates tactical operating procedures. Assist in design of ADA defense and conduct of RSOP. Supervises and monitors installation, operation and maintenance of the Army Air Defense Command Post.

*b. Physical demands rating and qualifications for initial award of MOS.* AN/TSQ-73 air defense artillery command and control system operator/maintainers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training (or waiver issued by the Commandant, U.S. Army Air Defense Artillery School) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-14L-1.* Physical requirements.
- (2) *Table 10-14L-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-14L-3.* Standards of grade TDA N/A.

**10-59.2. 14M—Man Portable Air Defense System Crewmember (MANPADS Crmbr) (Reserve Components), CMF 14**

*a. Major duties.* The MANPADS crewmember supervises or serves as member of portable Air Defense system missile unit and air defense activity engaged in operations and intelligence functions. Duties for MOS 14M at each level of skill are:

(1) *MOSC 14M10.* Establishes and maintains radio and wire communications. Assist in maintaining situation map. Performs target engagement evaluation. Applies infrared techniques to detect and engage targets. Operates identification, friend or foe (IFF), programmer/charger. Resupplies ammunition and prepares MANPADS for firing. Fires MANPADS. Performs emergency procedures for weapons systems.

(2) *MOSC 14M20.* Performs duties in preceding skill level, supervises and provides technical guidance to subordinate soldiers. Collects and consolidates intelligence information. Processes special and periodic reports. Prepares and maintains teams situation map. Transmits intelligence and grid locations of incoming targets. Designates fighting positions. Transmits alert status and readiness changes. Exercises fire control of MANPADS.

(3) *MOSC 14M30.* Performs duties in preceding skill levels, supervises and provides technical guidance to subordinate soldiers. Writes and handles United States Message Test Format (USMTF) messages. Prepares for and supervises section movement. Supervises radio and wire communications. Plans for and supervises ammunition resupply. Deploys section to provide air defense coverage. Assist in establishing operations and intelligence data. Supervises dissemination of air and ground early warning information on the manual SHORAD control system (MSCS). Assist update of OPORD, situation maps and overlays. Supervises electronic counter measures and electronic counter countermeasures operations.

(4) *MOSC 14M40.* Performs duties in preceding skill levels, supervises and provides technical guidance to subordinate soldiers. Supervises MANPADS platoon operations. Advises on tactical employment and positioning of weapon systems. Performs and supervises ADA battle management center operations. Conducts platoon reconnaissance, selection and occupation of position (RSOP). Coordinates platoon and section logistical activities.

*b. Physical demands rating and qualifications for initial award of MOS.* MANPADS crewmembers must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 111211.
- (3) Minimum height of 64 inches.
- (4) Distance vision correctable to 20/20 without multifocal lenses.
- (5) Normal color vision.
- (6) A minimum score of 90 in aptitude area OF.
- (7) A security clearance of CONFIDENTIAL.
- (8) Formal training (completion of MOS 14M course conducted

under the auspices of the U.S. Army Air Defense Artillery School) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) Y2—Transition (personnel only).
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-14M-1.* Physical requirements.
- (2) *Table 10-14M-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-14M-3.* Standards of grade TDA.

**10-60. 14R—Bradley Linebacker Crewmember, CMF 14 (Closed to women - see chapter 13)**

*a. Major duties.* The Bradley linebacker crewmember supervises and operates the BSFV and associated equipment. Duties for MOS 14R at each level of skill are:

(1) *MOSC 14R10.* Operates and performs preventive maintenance checks and services (PMCS) on the Bradley linebacker. Operates communications equipment. Visually identifies threat and friendly aircraft and armored vehicles. Operates turret. Operates Bradley linebacker weapon systems. Performs loading, unloading, PMCS and corrective actions on the Bradley linebacker weapon systems. Performs PMCS on communications equipment. NBC system, and turret.

(2) *MOSC 14R20.* Performs duties in preceding skill level, supervises subordinate soldiers and provides technical guidance in the accomplishment of their duties. Performs gunner duties during target engagements. Assists squad leader in crew training. Supervises and assists crewmembers with PMCS and loading and unloading all weapon systems. Prepares range card. Collects and consolidates intelligence information.

(3) *MOSC 14R30.* Performs duties in preceding skill levels, supervises subordinate soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Commands the Bradley linebacker. Selects targets. Determines weapon employment. Issues fire commands for all weapons. Selects routes of movement and vehicle positions. Selects MANPADS firing positions. Trains complete crew. Coordinates and supervises PMCS. Process special and periodic reports.

(4) *MOSC 14R40.* Performs duties in preceding skill levels, supervises subordinate soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Plans, organizes, directs, supervises, trains, coordinates, and reports activities of Bradley linebacker squads and sections. Conducts platoon reconnaissance, selection, and occupation of position (RSOP) and plans tactical deployment. Coordinates logistical support. Supervises platoon maintenance activities. Prepares operation plans and standing operating procedures (SOP). Assists platoon leader in design of ADA defenses.

*b. Physical demands rating and qualifications for initial award of MOS.* The Bradley linebacker crewmember must possess the following qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) Near and far visual acuity correctable to 20/20 with normal depth perception.
- (5) A minimum score of 100 in aptitude area OF.
- (6) A security clearance of SECRET.
- (7) Formal training (completion of MOS 14R course conducted under the auspices of the U.S. Army ADA School) mandatory.

*c. Additional skill identifiers.*

- (1) J3—Bradley Infantry Fighting Vehicle (BIFV) System Master Gunner.
- (2) P5—Master Fitness Trainer.
- (3) Y2—Transition (personnel only).
- (4) 2S—Battle Staff Operations (skill level 3 and above).

(5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-14R-1.* Physical requirements.
- (2) *Table 10-14R-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-14R-3.* Standards of grade TDA.

**10-61. 14S—AVENGER Crewmember, CMF 14**

*a. Major duties.* The AVENGER crewmember supervises, operates or serves as a member of a lightweight, highly mobile, Air Defense weapons system. Duties for MOS 14S at each level of skill are:

(1) *MOSC 14S10.* Prepares, operates and fires the AVENGER and Man Portable Air Defense System (MANPADS) weapons systems. Establishes and maintains radio and wire communications. Assists in maintaining situation map. Performs target engagement evaluation. Applies infrared (IR) techniques to detect and engage targets. Operates identification, friend or foe (IFF) programmer/charger. Resupplies ammunition and prepares systems for firing. Performs emergency procedures for weapon systems. Maintains sight alignment on systems. Operates and maintains system carriers.

(2) *MOSC 14S20.* Supervises and assists the preparation and firing of the AVENGER/MANPADS weapons systems. Collects and consolidates intelligence information. Processes special and periodic reports. Prepares and maintains situation map. Transmits intelligence and grid locations of incoming targets. Designates fighting positions. Alerts firing batteries. Transmits alert status and readiness changes.

(3) *MOSC 14S30.* Supervises the AVENGER/MANPADS team/squad. Writes and handles JINTACCS messages. Prepares for and supervises section movement. Supervises radio and wire communications. Plans for and supervises ammunition resupply. Deploys section to provide Air Defense coverage. Assists in establishing operating tactical command posts and operating centers. Coordinates operations and intelligence data. Supervises dissemination of air and ground early warning information on MCS. Assists update of OPORD, situation maps and overlays. Supervises ECM and ECCM operations. Supervises installation and operations of tactical communication equipment and battle drills. Employs weapon systems. Supervises PMCS.

(4) *MOSC 14S40.* Supervises AVENGER/MANPADS operations. Performs or supervises ADA operations and intelligence duties. Assists platoon leader in planning, management and training activities of subordinate sections. Performs and supervises ADA battle management center operations. Conducts platoon reconnaissance, selection and occupation of position (RSOP). Coordinates platoon and section logistical activities.

*b. Physical demands rating and qualifications for initial award of MOS.* AVENGER crewmembers must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 111121.
- (3) Minimum height of 64 inches.
- (4) Distance vision correctable to 20/20 without multifocal lenses.
- (5) Normal color vision.
- (6) A minimum score of 90 in aptitude area of OF.
- (7) A security clearance of CONFIDENTIAL.
- (8) Formal training (completion of MOS 14S course conducted under the auspices of the U.S. Army ADA School) mandatory.
- (9) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) Y2—Transition (personnel only).
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-14S-1.* Physical requirements.

- (2) *Table 10-14S-2*. Standards of grade TOE/TMOE.
- (3) *Table 10-14S-3*. Standards of grade TDA.

**10-61.1. 14T—PATRIOT Launching Station Enhanced Operator/Maintainer (PATRIOT LS Enh Opr/Maint), CMF 14**

*a. Major duties.* The PATRIOT launching station enhanced operator/maintainer supervises or serves in an air defense unit or as a member of an air defense activity engaged in operations or intelligence functions of liaison units. Responsible for system emplacement, initialization, operator/organizational level system maintenance (limited to the ability to detect improper equipment operation or malfunction by use of the senses, embedded diagnostic aids; e.g., BIT/BITE and/or board test equipment, Test Measurement and Diagnostic Equipment (TMDE) (example, multimeter to prefer low voltage and continuity checks), technical references, technical inspections, adjustments, removal and replacement of battery replaceable units/line replaceable units (BRUs/LRUs), and other tasks authorized in the maintenance allocation chart (MAC) and preventive maintenance checks and services (PMCS) required to sustain or return the PATRIOT Launching Station (LS), Enhanced Launcher Electronic System (ELES), PATRIOT guided missile round, and associated equipment to its operational readiness condition. Performs Battle Damage Assessment Repair (BDAR) and system deployment, and missile resupply/reload functions. Major duties for MOS 14T at each level of skill are:

(1) *MOSC 14T10*. Performs march order and emplacement of LS and associated equipment. Initializes, operates and performs organizational level system maintenance and PMCS on the LS, ELES, and associated equipment. Operates and performs Launching Test Set (LSTS) and PATRIOT Missile Round organizational level maintenance and PMCS. Performs missile resupply/reload functions. Performs operations and intelligence duties, operates and performs PMCS on PATRIOT Prime Movers and Prime Power Units. Establishes and maintains radio and wire communications.

(2) *MOSC 14T20*. Performs duties in preceding skill level, supervises and provides technical guidance to subordinate soldiers. Supervises organizational level maintenance and PMCS on LS, ELES, LSTS, and PATRIOT Missile Round.

(3) *MOSC 14T30*. Performs duties in preceding skill levels. Supervises the operations and organizational level system maintenance on the LS, ELES, LSTS, and PATRIOT Missile Round and associated equipment. Enforces safety procedures and standards. Supervises and participates in unit level training and training management. Performs operations and intelligence duties and serves as unit liaison. Supervises operations of tactical communications.

(4) *MOSC 14T40*. Performs duties in preceding skill levels and monitors installation, operations and organizational level maintenance on the LS Platoon equipment. Provides technical training and guidance to subordinate personnel. Directs, instructs and evaluates tactical operating procedures. Supervises operations and intelligence functions. Trains evaluates and certifies PATRIOT LS Crews in AD table training crewdrills at unit/battalion level. Supervises operations and intelligence functions. Assists in supervising maintenance records and demand supported/diagnostics repair parts stockage procedures. Assist in designing and implementing the unit maintenance program.

*b. Physical demands rating and qualifications for initial award of MOS.* PATRIOT launching station enhanced operator/maintainer must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area OF.
- (5) A security clearance of SECRET.
- (6) Be a U.S. citizen.
- (7) Formal training (completion of MOS 14T course conducted under the auspices of the U.S. Army ADA School) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) Y2—Transition (personnel only).

- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-14T-1*. Physical requirements.
- (2) *Table 10-14T-2*. Standards of grade TOE/TMOE.
- (3) *Table 10-14T-3*. Standards of grade TDA.

**10-61.2. 14Z—Air Defense Artillery Senior Sergeant (ADA Senior Sgt), CMF 14**

*a. Major duties.* The ADA senior sergeant supervises, plans, coordinates, and directs the emplacement, operation, unit level maintenance and management of air defense artillery weapon systems in support of ADA units at all levels.

*b. Physical demands rating and qualifications for initial award of MOS.* ADA senior sergeant must possess the following qualifications:

- (1) A physical demands—N/A.
- (2) A physical profile of 222221.
- (3) Color discrimination of red/green.
- (4) A minimum score in aptitude area—N/A.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-14Z-1*. Physical requirements.
- (2) *Table 10-14Z-2*. Standards of grade TOE/TMOE.
- (3) *Table 10-14Z-3*. Standards of grade TDA.

**10-62. 16P—CHAPARRAL Crewmember (CHAPARRAL Crmbr), CMF 14 (Closed to women - see chapter 13)**

*a. Major duties.* The CHAPARRAL crewmember supervises or operates the CHAPARRAL missile system as a member of a CHAPARRAL fire unit or platoon or as a member of an Air Defense activity engaged in operations or intelligence functions. Duties for MOS 16P at each skill level are:

(1) *MOSC 16P10*. Operates and performs functional checks on the CHAPARRAL fire unit communications equipment. Operates and performs PMCS on the CHAPARRAL carrier. Performs deployment operations. Visually identifies threat and friendly aircraft. Plots fire unit position and early warning information on the manual SHORAD control system. Performs PMCS on the Identification, Friend or Foe (IFF) Programmer/Battery Charger. Programs the IFF Interrogator, AN/PPX-3 (STINGER). Performs gunner duties and search procedures using the CHAPARRAL Forward Looking Infrared (FLIR) subsystem. Prepare daily journals and update enemy and friendly situations. Operates radio and telephone equipment.

(2) *MOSC 16P20*. Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Performs PMCS on the CHAPARRAL Launching Station. Collect, prepare, and process operations and intelligence information. Decodes and authenticates alert messages. Inventories and destroys classified documents.

(3) *MOSC 16P30*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Selects CHAPARRAL firing positions. Commands the senior gunner during target engagement. Supervises the march order and emplacement of the CHAPARRAL Fire Unit. Performs reconnaissance, selection, and occupation of position.

(4) *MOSC 16P40*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Prepares, assembles, and distributes operations plan/operations order. Checks operations/

signal security (OPSEC/SIGSEC). Assists in establishment/displacement of Tactical Operations Center.

*b. Physical demands rating and qualifications for initial award of MOS.* ADA CHAPARRAL missile crewmember must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Color discrimination of red/green.
- (4) A minimum score of 100 in aptitude area OF.
- (5) A security clearance of CONFIDENTIAL. CHAPARRAL crewmembers at SL 4 must possess a security clearance of SECRET.
- (6) Formal training (completion of MOS 16P course conducted under the auspices of the Commandant, U.S. Army Air Defense Artillery School) mandatory.

(7) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-16P-1.* Physical requirements.
- (2) *Table 10-16P-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-16P-3.* Standards of grade TDA.

**10-63. 16R—VULCAN Crewmember (VULCAN Crmbr), CMF 14**

*(Rescinded.)*

**10-64. 16S—Man Portable Air Defense System Crewmember (MANPADS(Crmbr)) (Reserve Components), CMF 14 (Closed to women - see chapter 13).**

*(Rescinded.)*

**10-65. 16T—PATRIOT Missile Crewmember (PATRIOT Msl Crmbr), CMF 14**

*(Rescinded.)*

**10-66. 16Z—Air Defense Artillery (ADA) Senior Sergeant (ADA Senior Sgt) CMF 14**

*(Rescinded.)*

**10-67. 18B—Special Forces Weapons Sergeant (SF Wpns Sgt), CMF 18 (Closed to women - see chapter 13)**

*a. Major duties.* Employs conventional and unconventional warfare tactics and techniques in individual and small unit infantry operations. Duties for MOS 18B at each level of skill are:

(1) *MOSC 18B30.* Trains and maintains proficiency in all major duties. Employs highly demanding conventional and high-risk unconventional warfare tactics and techniques in the employment of individual domestic, foreign small arms, light and heavy crew served weapons, anti-aircraft and anti-armor weapons. Supervises and performs construction of hasty fortifications and controls execution of tactical conventional and unconventional operational employment and functioning of all types of U.S. light weapons (up to and including 50 cal MG), U.S. heavy weapons (up to and including the 4.2in and 120mm mortar and 106mm RR), man-portable air defense weapons and U.S. anti-armor weapons (including anti-tank missile systems), to perform tactical operations. Maintains proficiency with the employment and functions of all foreign high-density light and heavy weapons, man-portable air defense and anti-armor weapons. Evaluates terrain, selects weapons emplacements, sites, and assigns targets and areas of fire. Reads, interprets, and prepares combat orders.

(2) *MOSC 18B40.* Performs all duties of preceding skill level and coordinates organic and supporting fire power, performs standard and non-standard air delivery, airborne operations, and air-ground operations. Participates in special missions and operations as

detachment member. Ensures collection and proper reporting of intelligence data to unit and staff sections. Reads and interprets maps and aerial photos and assists in area studies preparation. Plans, prepares and conducts briefings, briefbacks, and debriefings. Acts in supervisor capacity when conducting split-detachment operations and missions. Conducts security and training when task organized in preparation (isolation) for missions and during operations.

*b. Physical demands rating and qualifications for initial award of MOS.*

- (1) Physical demands rating—N/A.
- (2) A physical profile of 111221.
- (3) Minimum scores of 110 in aptitude area GT and 100 in aptitude area CO.
- (4) A security clearance of SECRET.
- (5) Must complete Special Forces Qualification Course formal training course.

(6) Must meet requirements listed in AR 614-200.

(7) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) F1—Operations and Intelligence (Special Forces).
- (2) P5—Master Fitness Trainer.
- (3) Q8—Tactical Air Operations.
- (4) S6—Special Forces Combat Diving, Supervision (SFC only).
- (5) W3—Special Forces Target Interdiction Operations.
- (6) W7—Special Forces Underwater Operations.
- (7) W8—Special Forces Military Free Fall Operations.
- (8) 2S—Battle Staff Operations (skill level 3 and above).
- (9) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-18B-1.* Physical requirements.
- (2) *Table 10-18B-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-18B-3.* Standards of grade TDA.

**10-68. 18C—Special Forces Engineer Sergeant (SF Engr Sgt), CMF 18 (Closed to women - see chapter 13)**

*a. Major duties.* Employs conventional and unconventional warfare tactics and techniques in combat engineering and maintains detachment engineer equipment and supplies. Duties for MOS 18C at each level of skill are:

(1) *MOSC 18C30.* Performs and maintains proficiency in all major duties. Performs and teaches tasks in demolitions, explosives, improvised munitions, U.S. and foreign landmines, mine/countermine operations, construction, field fortification, bridging, rigging, electrical wiring, reconnaissance, target analysis and civil action projects. Instructs and performs land and water navigation duties by interpreting maps, overlays, photos, charts and using standard and nonstandard navigational techniques and equipment. Plans, teaches and performs sabotage operations with standard, nonstandard and improvised munitions and explosives. Plans, prepares and conducts the target portion of the area study and conducts briefings, briefbacks and debriefings. Supervises combat engineering functions when conducting split-detachment operations and missions.

(2) *MOSC 18C40.* Performs all duties of preceding skill level. Provides tactical and technical guidance to the Detachment Commander, indigenous and allied personnel. Plans, organizes, trains, advises, assists and supervises indigenous and allied personnel on employing and engineer company in defensive/offensive operations and engineers in support of brigade operations. Prepares and reviews target analysis folders. Responsible for the planning, execution and supervision of cross training of detachment members in special forces engineering skills. When directed, conducts operational and intelligence planning, preparation, and execution of detachment missions.

*b. Physical demands rating and qualifications for the initial award of MOS.*

- (1) Physical demands rating—N/A.
- (2) A physical profile of 111221.
- (3) Minimum scores of 110 in aptitude area GT and 100 in aptitude area CO.

- (4) A security clearance of SECRET.
- (5) Must complete SFQC training course.
- (6) Must meet requirements listed in AR 614-200.
- (7) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) F1—Operations and Intelligence (Special Forces).
- (2) P5—Master Fitness Trainer.
- (3) W3—Special Forces Target Interdiction Operations.
- (4) W7—Special Forces Underwater Operations.
- (5) W8—Special Forces Military Free Fall Operations.
- (6) 2S—Battle Staff Operations (skill level 3 and above).
- (7) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-18C-1.* Physical requirements.
- (2) *Table 10-18C-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-18C-3.* Standards of grade TDA.

**10-69. 18D—Special Forces Medical Sergeant, (SF Med Sgt), CMF 18 (Closed to women - see chapter 13)**

*a. Major duties.* Employs conventional and unconventional warfare tactics and techniques in providing medical care and treatment. Duties for MOS 18D at each level of skill are:

(1) *MOSC 18D30.* Performs and maintains proficiency in all major duties. Ensures detachment medical preparation and maintains medical equipment and supplies, provides examination and care to detachment members and establishes temporary, fixed and unconventional warfare medical facilities to support operations with emergency, routine, and long term medical care. Provides initial medical screening and evaluation of allied and indigenous personnel. Manages detachment, allied, or indigenous patient's, administration, admission and discharge, care, laboratory and pharmacologic requirements and the initiation, maintenance and transfer of records. Orders, stores, catalogs, safeguards and distributes medical supplies, equipment and pharmaceutical. Supervises medical care and treatment during split detachment missions. Operates a combat laboratory and treats emergency and trauma patients in accordance with established surgical principles. Diagnoses and treats various medical dermatologic, pediatric, infectious and obstetric conditions using appropriate medications, intravenous fluid support and physical measures. Develops and provides medical intelligence as required.

(2) *MOSC 18D40.* Performs all duties of preceding skill level. Supervises and manages field medical activities in a conventional or unconventional warfare environment. Advises and provides tactical and technical guidance to the Detachment Commander, indigenous and allied personnel. Responsible for the planning, execution and supervision of cross training of detachment members in medical skills. In unconventional warfare environment, instructs medical personnel, manages guerilla hospitals and field evacuation nets; coordinates the operation, interaction and activities of medical facilities within an area of operation; manages battalion size troop medical clinic and its administrative and logistical support. Establishes a base stock of medical supplies and equipment, internal or external procurement, storage, security and distribution of those items. Coordinates veterinary training and support for area requiring animal transportation or use. When directed, conducts operational and intelligence planning, preparation and execution of detachment missions.

*b. Physical demands rating and qualifications for the initial award of MOS.*

- (1) Physical demands rating—N/A.
  - (2) A physical profile of 111221.
  - (3) Minimum scores of 110 in aptitude area GT and 100 in aptitude area ST.
  - (4) A security clearance of SECRET.
  - (5) Must meet requirements listed in AR 614-200.
  - (6) Must complete SFQC formal training course.
  - (7) A U.S. citizen.
- c. Additional skill identifiers.*
- (1) F1—Operations and Intelligence (Special Forces).

- (2) P5—Master Fitness Trainer.
- (3) Q5—Special Forces Combat Diving, Medical.
- (4) W7—Special Forces Underwater Operations.
- (5) W8—Special Forces Military Free Fall Operations.
- (6) 2S—Battle Staff Operations (skill level 3 and above).
- (7) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-18D-1.* Physical requirements.
- (2) *Table 10-18D-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-18D-3.* Standards of grade TDA.

**10-70. 18E—Special Forces Communications Sergeant (SF Comm Sgt), CMF 18 (Closed to women - see chapter 13)**

*a. Major duties.* Employs conventional and unconventional warfare tactics and techniques in communications. Duties for MOS 18E at each level of skill are:

(1) *MOSC 18E30.* Trains and maintains proficiency in all major duties. Organizes, trains, advises and supervises indigenous and allied personnel in the installation, utilization and operation of radio equipment, radio nets, standard and expedient antenna systems and wire communications. Proficient in and the instruction of the installation, operation and employment FM, AM, VHF, UHF, and SHF radio communication systems to transmit and receive radio messages in voice, continuous wave (CW), and burst code radio nets. Responsible for the establishment and maintenance of detachment tactical and operational communications and communication equipment. Plans, prepares and assists in the communications targets portion of the area study, prepares and assists in briefings, briefbacks and debriefings. Supervises the communication functions when in split detachment configuration for special operations or missions. Conducts C-E duties when task-organized in preparation (isolation) for missions and during operations, and advises the detachment commander on all communications matters.

(2) *MOSC 18E40.* Performs all duties of preceding skill level. Advises and provides tactical and technical guidance to the detachment commander, indigenous and allied personnel. Responsible for the planning, execution and supervision of cross training of detachment members in special forces communications skills. Prepares the communications electronics portion of operations orders, area studies and area assessments. When directed, conducts operational and intelligence in the planning, preparation and execution of detachment missions. Serves at SF battalion or higher level as frequency manager.

*b. Physical demands rating and qualifications for the initial award of MOS.*

- (1) Physical demands rating—N/A.
- (2) A physical profile of 111221.
- (3) Minimum scores of 110 in aptitude area GT and 100 in aptitude area SC.
- (4) A security clearance of SECRET.
- (5) Must complete SFQC formal training course.
- (6) Must meet requirements listed in AR 614-200.
- (7) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) D9—Battlefield Spectrum Management.
- (2) F1—Operations and Intelligence (Special Forces).
- (3) P5—Master Fitness Trainer.
- (4) Q8—Tactical Air Operations.
- (5) W7—Special Forces Underwater Operations.
- (6) W8—Special Forces Military Free Fall Operations.
- (7) 2S—Battle Staff Operations (skill level 3 and above).
- (8) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-18E-1.* Physical requirements.
- (2) *Table 10-18E-2.* Standards of grade TOE/MTOE.

(3) *Table 10-18E-3*. Standards of grade TDA.

**10-71. 18F—Special Forces Assistant Operations and Intelligence Sergeant (SF Asst Ops/Intel Sgt), CMF 18 (Closed to women - see chapter 13)**

*a. Major duties.* Employs conventional and unconventional warfare tactics and techniques in intelligence collection and processing. Trains and maintains proficiency in all major duties. Provides tactical and technical guidance to the Detachment Commander, indigenous and allied personnel. Plans, organizes, trains, advises, assists and supervises indigenous and allied personnel on collection and processing of intelligence information. Performs intelligence and operational duties when task organized in preparation (isolation) for special missions and during operations. Writes operation plans and combat orders, and supporting annexes. Conducts briefings, briefbacks and debriefings. Establishes intelligence nets, conducts agent handling and prepares agent reports within the operational area. Capable of establishing identify through fingerprinting. Processes prisoners of war, writes and establishes security plan and performs security duties. Maintains all classified documents in the operational area and establishes destruction and evacuation plans. Provides area specialist assistance to the detachment, SF, U.S. Army, system services and other agencies.

*b. Physical demands rating and qualifications for initial award of MOS.*

- (1) Physical demands rating—N/A.
- (2) A physical profile of 111221.
- (3) Minimum score in aptitude area—N/A.
- (4) A security clearance of SECRET.
- (5) Must have completed SFQC in MOS 18B, C, D, or E and be awarded a CMF 18 MOS.
- (6) Must have completed ANCOC.
- (7) Completion of the Special Forces Operations and Intelligence Course is mandatory for the award of MOS 18F.

(8) Must meet requirements listed in AR 614-200.

(9) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) W7—Special Forces Underwater Operations.
- (3) W8—Special Forces Military Free Fall Operations.
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-18F-1*. Physical requirements.
- (2) *Table 10-18F-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-18F-3*. Standards of grade TDA.

**10-72. 18Z—Special Forces Senior Sergeant, (SF Sr Sgt), CMF 18 (Closed to women - see chapter 13)**

*a. Major duties.* Supervises, instructs and serves as the senior enlisted member for SF activities. Trains and maintains proficiency in all major duties associated with Special Forces. Performs administrative, operational and training duties during tasks organization of the ODA in mission preparation (isolation) and during operations. Performs joint, combined and coalition planning and supervises operations for higher headquarters, major commands and joint commands. Performs senior leadership, staff, and training functions within special forces. Performs duties associated with SQI “M” , “P” , and “H” .

*b. Physical demands rating and qualifications for the initial award of MOS.*

- (1) Physical demands rating—N/A.
- (2) A physical profile of 111221.
- (3) Minimum score in aptitude area—N/A.
- (4) A security clearance of SECRET.
- (5) Must complete SFQC training course.
- (6) Must meet requirements listed in AR 614-200.
- (7) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) F1—Operations and Intelligence (Special Forces).
- (2) P5—Master Fitness Trainer.
- (3) S6—Special Forces Combat Diving, Supervision.
- (4) W7—Special Forces Underwater Operations.
- (5) W8—Special Forces Military Free Fall Operations.
- (6) 2S—Battle Staff Operations (skill level 3 and above).
- (7) 4A—Reclassification Training.

*d. Physical requirements and standard of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-18Z-1*. Physical requirements.
- (2) *Table 10-18Z-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-18Z-3*. Standards of grade TDA.

**10-73. 19D—Cavalry Scout, CMF 19 (Closed to women - see chapter 13)**

*a. Major duties.* The cavalry scout leads, serves, or assists as a member of scout crew, squad, section, or platoon in reconnaissance, security, and other combat operations. Duties for MOS 19D at each level of skill are:

(1) *MOSC 19D10*. Performs duties as crewmember, operates, and performs operator maintenance on scout vehicles. Armored Airborne Reconnaissance Vehicle (M551A1), and Cavalry Fighting Vehicle (CFV), HMMWV, M113, crew-served weapons, anti-armor weapons, and communications equipment. Loads, clears, and fires individual and crew-served weapons. Engages enemy armor with anti-armor weapons. Operates and performs operator maintenance on wheeled vehicles. Assists in the recovery of wheeled and tracked vehicles. Secures, prepares, and stows ammunition on scout vehicles. Performs mounted and dismounted navigation. Serves as member of observation and listening post. Gathers and reports information on terrain features and enemy strength, disposition and equipment. Applies principles of escape and evasion. Collects data for the classification of routes, fords, tunnels, and bridges. Performs dismounted patrols. Employs principles of cover and concealment and camouflage. Assists with construction of light field fortifications, laying and removal of mines, and emplacing demolitions. Requests and adjusts indirect fire.

(2) *MOSC 19D20*. Supervises scout vehicle crew, CFV crew, and M551A1 crew. Supervises operator maintenance of tracked and wheeled scout vehicles and individual and crew-served weapons. Selects, organizes, and supervises operation of observation and listening posts. Supervises scout vehicle recovery operations. Trains scout vehicle crew. Supervises request, receipt, storage, and issue of ammunition. Leads scout vehicle crew and assists in leading scout squad. Serves as gunner, on CFV, ITV, HMMWV-TOW, and M551A1. May also serve as an Operations Assistant at brigade or squadron level.

(3) *MOSC 19D30*. Supervises scout sections and squads. Directs tactical deployment of section and squads in combat. Supervises maintenance of assigned vehicles and equipment. Collects, reports and evaluates accuracy of intelligence information. Directs reconnaissance of fording sites, tunnels, and bridges. Directs route/area/zone reconnaissance at section level. Coordinates action of vehicles with platoon and supporting elements. Evaluates terrain, selected routes, assembly areas, firing positions, and positions for combat operations. Identifies, selects targets, and issues fire commands. Supervises construction of hasty fortifications. Supervises section and squad resupply of class I, III, and V. Trains scout section. Coordinates requirements for organizational maintenance. Conducts scout section drills. Calls for, observes, and adjusts indirect fires. May also serve as an Operations Assistant in the squadron/battalion or higher level staffs and as Operations NCO at troop level.

(4) *MOSC 19D40*. Assists the commander or operations officer in planning, organizing, directing, supervising, training, coordinating, and reporting activities of the scout or armored cavalry platoon and staff sections. Directs distribution of fire in combat. Supervises platoon maintenance activities. Collects, evaluates, and assists in interpretation and dissemination of combat information. Directs platoon tactical movement, platoon security operations (screening), and

platoon route/area/zonereconnaissance. Supervises the employment of OPSEC measures. Coordinates the evacuation of casualties. Coordinates and conducts platoon resupply. Requests and adjusts aerial fires. May also serve as an Assistant Operations NCO at battalion or higher level.

*b. Physical demands rating and qualifications for initial award of MOS.* Cavalry scouts must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111121.
- (3) Correctable vision of 20/20 in one eye and 20/100 in other eye.
- (4) Normal color vision.
- (5) A minimum score of 90 in aptitude area CO.
- (6) Formal training (completion of MOS 19D course conducted under the auspices of the U.S. Army Armor School) mandatory.
- (7) Highest rank an individual may be reclassified into MOS 19D is rank SGT.

*c. Additional skill identifiers.*

- (1) D3—Bradley Fighting Vehicle System (BFVS).
- (2) E9—M901 (ITV) Gunner/Crew Training.
- (3) F7—Pathfinder.
- (4) J3—Bradley Fighting Vehicle Master Gunner.
- (5) P5—Master Fitness Trainer.
- (6) 2C—JAVELIN Gunnery.
- (7) 2S—Battle Staff Operations (skill level 3 and above).
- (8) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-19D-1.* Physical requirements.
- (2) *Table 10-19D-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-19D-3.* Standards of grade TDA.

#### **10-74. 19E-M48—M60 Armor Crewman (M48 M60 Arm Crmn) (Reserve Components), CMF 19 (Closed to women - see chapter 13)**

*a. Major duties.* The M48/M60 armor crewman leads, supervises, or serves as a member of M48/M60 armor unit in offensive and defensive combat operations. In addition, serves or assists on staffs at battalion or higher level. Duties for MOS 19E at each level of skill are:

(1) *MOSC 19E10.* Assists in target detection and identification. Places turret in operation. Determines range to target. Prepares range cards. Operates main gun controls and firing controls. Adjusts fires. Boresights and zeros main gun. Fires main gun. Loads, fires, and clears machine guns. Operates tracked and wheeled vehicles over varied terrain and roadways in combat formation and armor marches. Uses and responds to oral commands and visual signals. Maintains orientation in moving vehicle by comparing terrain with maps. Selects tank routes. Positions vehicle in firing position. Secures battle position. Secures, prepares, and stows ammunition aboard tank. Loads main gun. Unloads misfires. Exercises safety precautions in ammunition handling. Refuels vehicles. Prepares radio equipment for operation and enters net. Operates internal communications equipment. Performs operator maintenance on turret, weapons, controls, and communications equipment. Assists in performance of unit maintenance of turret components. Performs preventative maintenance checks and services on tank chassis and automotive components before, during, and after use. Assists in performance of recovery operations. Prepares tank for operations under various weather conditions and for passive operations. Assists in construction of fortification and barriers, including minefields. Breaches and clears minefields and obstacles.

(2) *MOSC 19E20.* Performs duties shown in preceding level of skill and supervises subordinate personnel in performance of these duties. Assists tank commander in training tank crew. Prepares, files, and distributes operations maps, situation maps, and overlays. Reads and interprets maps and aerial photographs. Records information on maps and overlays. Indicates location, strength, tactical deployment, and emplacement of friendly and enemy units. Marks

vehicle routes on maps and overlays. Reproduces, distributes, and files operations orders and plans. Inspects tank turret and automotive components for malfunctions. Assists in the performance of unit maintenance of automotive components. Assists in maintaining the gunnery proficiency of subordinate gunners and loaders. Supervises ammunition resupply operations to include request, receipt, storage, inspection, and issue of ammunition within armor units.

(3) *MOSC 19E30.* Performs duties as tank commander. Directs deployment of personnel and tank in combat operations and training exercises. Evaluates terrain and selected routes, areas, and firing positions. Identifies and selects targets. Issues fire commands. Directs fire of tank weapons. Employs searchlight. Supervises training of tank crew. Conducts battle drills. Requests, observes, adjusts supporting fire. Responds to direction from platoon leader. Coordinates action of tank with platoon and supporting elements. Plans movement routes. Supervises crew operator maintenance. Coordinates requirements for unit maintenance. Supervises camouflage of equipment. Evaluates work performance of subordinate crewmembers. Ensures collection and proper reporting of intelligence data to unit and responsible staff sections. Supervises operation of support platoon class III/V squads.

(4) *MOSC 19E40.* Assists in planning, organization, direction, training, supervision, coordination, and reporting activities of tank platoon or staff section. Supervises platoon maintenance activities. Directs distribution of fire and assigns fields of fire. Collects, evaluates, and assists in interpretation and dissemination of combat information. Directs platoon tactical movement. Directs movement to contact, hasty attack, and defense at platoon level. Coordinates platoon resupply operations. Supervises the employment of OPSEC measures. Coordinates the evacuation of casualties.

*b. Physical demands rating and qualifications for initial award of MOS.* M48-M60 armor crewman must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111121.
- (3) Correctable vision of 20/20 in one eye and 20/100 in other eye.
- (4) Normal color vision.
- (5) A maximum height of 6 feet, 1 inch.
- (6) A minimum score of 90 in aptitude area CO.
- (7) Formal training (completion of MOS 19E course conducted under the auspices of U.S. Army Armor School) mandatory.

*c. Additional skill identifiers.*

- (1) D8—Master Gunnery (M60A3 Tank).
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-19E-1.* Physical requirements.
- (2) *Table 10-19E-2.* Standards of grade TOE/MTOE.

#### **10-75. 19K—M1 Armor Crewman, CMF 19 (Closed to women - see chapter 13)**

*a. Major duties.* The M1 armor crewman leads, supervises, or serves as a member of M1 armor unit in offensive and defensive combat operations. In addition, serves or assists on staffs at battalion or higher level. Duties for MOS 19K at each level of skill are as follows:

(1) *MOSC 19K10.* Assists in target detection and identification. Places turret in operation. Determines range to target. Assists in preparation of range and sketch cards. Assists in boresight, screen and zeros main gun. Loads, fires, clears, and applies immediate action on machine guns. Operates tracked and wheeled vehicles over varied terrain and roadways in combat formation and armor marches. Uses and responds to oral commands and visual signals. Maintains orientation in moving vehicle. Positions vehicle in firing position. Secures battle position. Secures, prepares, and stows ammunition aboard tank. Loads, unloads, clears, and performs misfire procedures on main gun. Exercises safety precautions in ammunition

handling. Refuels vehicles. Prepares radio equipment for operation. Performs operator maintenance on turret, weapons, controls, and communications equipment. Assists in performance of unit maintenance of turret components. Performs preventative maintenance checks and services on tank chassis and automotive components before, during and after use. Prepares DA Form 2404 (Equipment Inspection and Maintenance Worksheet) and maintains vehicle equipment folder. Assists in performance of recovery operations. Prepares tank for operations under various weather conditions and for night vision operations. Assists in construction of fortification and barriers, including minefields. Assists breaching and clearing minefields and obstacles.

(2) *MOSC 19K20*. Performs primary duties as gunner and secondary duties as Tank Commander. Also performs duties shown in preceding level of skill and supervises subordinate personnel in performance of these duties. Prepares sketch and range cards. Operates main gun controls and firing controls. Adjusts fire. Fires main gun. Prepares radio equipment for operation and enters net. Operates internal communication equipment. Assists tank commander in training tank crew. Prepares, files, and distributes operations maps, situation maps, and overlays. Reads and interprets maps and aerial photographs. Records information on maps and overlays. Indicates location, strength, tactical deployment, and emplacement of friendly and enemy units. Marks vehicle routes on maps and overlays. Reproduces, distributes, and files operations orders and plans. Inspects tank turret and automotive components for malfunctions. Assists in the performance of unit maintenance of automotive components. Assists in maintaining the gunnery proficiency of subordinate gunners and loaders. Supervises ammunition resupply operations to include request, receipt, storage, inspection, and issue of ammunition within armor units.

(3) *MOSC 19K30*. Performs duties as tank commander. Directs deployment of personnel and tank in combat operations and training exercises. Evaluates terrain and selected routes, areas, and firing positions. Identifies and selects targets. Issues fire commands. Directs fire of tank weapons. Supervises training of tank crew. Conducts battle drills. Requests, observes, and adjusts supporting fire. Responds to direction from platoon leader. Coordinates action of tank with platoon and supporting elements. Plans movement routes. Supervises crew operator maintenance. Coordinates requirements for unit maintenance. Supervises camouflage of equipment. Evaluates work performance of subordinate crewmembers. Ensures collection and proper reporting of intelligence data to unit and responsible staff sections. Supervises operation of support platoon class III/V squads.

(4) *MOSC 19K40*. Performs duties as a tank PSG. Assists in planning, organization, direction, training, supervision, coordination, and reporting activities of tank platoon or staff section. Supervises platoon maintenance activities. Directs distribution of fire and assigns fields of fire. Collects, evaluates, and assists in interpretation and dissemination of combat information. Directs platoon tactical movement. Directs movement to contact, hasty attack, and defense at platoon level. Coordinates platoon resupply operations. Supervises the employment of OPSEC measures. Coordinates the evacuation of casualties.

*b. Physical demands rating and qualifications for initial award of MOS.* M1 armor crewmen must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111121.
- (3) Correctable vision of 20/20 in one eye and 20/100 in other eye.
- (4) Normal color vision.
- (5) A maximum height of 6 feet, 1 inch.
- (6) A minimum score of 90 in aptitude area CO.
- (7) Formal training (completion of MOS 19K course conducted under the auspices of U.S. Army Armor School) mandatory.
- (8) The highest rank an individual may reclassify into MOS 19K is rank of SGT.

*c. Additional skill identifiers.*

- (1) A8—Master Gunnery (M1/M1A1 Tank).
- (2) D8—Master Gunnery (M60A3 Tank).

(3) G4—Armored Gun System (AGS) Operations and Maintenance.

(4) G8—Master Gunnery (Armored Gun System, AGS).

(5) K4—M1A2 Tank Operations and Maintenance.

(6) K8—Master Gunnery (M1A2 Tank).

(7) P5—Master Fitness Trainer.

(8) 2S—Battle Staff Operations (skill level 3 and above).

(9) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-19K-1*. Physical requirements.

(2) *Table 10-19K-2*. Standards of grade TOE/MTOE.

(3) *Table 10-19K-3*. Standards of grade TDA.

#### **10-76. 19Z—Armor Senior Sergeant, CMF 19 (Closed to women - see chapter 13)**

*a. Major duties.* The armor senior sergeant serves as principal NCO in armor company, cavalry troop, or operations and intelligence staff sections in armor battalion, cavalry squadron, or higher level organizations. Plans, coordinates, and supervises activities pertaining to organization, training, combat operations, and combat intelligence. Supervises operations center at battalion and higher level units. Collects, interprets, analyzes, evaluates, and disseminates intelligence information and data. Edits and prepares tactical operations plans and orders. Coordinates implementation of operations, training programs, and communications activities.

*b. Physical demands rating and qualifications for initial award of MOS.* Armor senior sergeants, 19Z50, must possess the following qualifications:

(1) Physical demands rating—N/A.

(2) A physical profile of 222221.

(3) Color discrimination of red/green.

(4) Minimum score in aptitude area—N/A.

*c. Additional skill identifiers.*

(1) A8—Master Gunnery (M1/M1A1 Tank).

(2) G8—Master Gunnery (Armored Gun System, AGS).

(3) K8—Master Gunnery (M1A2 Tank).

(4) P5—Master Fitness Trainer.

(5) Q8—Tactical Air Operations.

(6) 2S—Battle Staff Operations (skill level 3 and above).

(7) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-19Z-1*. Physical requirements.

(2) *Table 10-19Z-2*. Standards of grade TOE/MTOE.

(3) *Table 10-19Z-3*. Standards of grade TDA.

#### **10-77. 23R—HAWK Missile System Mechanic (HAWK Msl Sys Mech) (Reserve Components), CMF 14**

*a. Major duties.* The HAWK missile system mechanic supervises or performs unit level maintenance on the HAWK missile system and its associated equipment. Duties for MOS 23R at each skill level are:

(1) *MOSC 23R10*. Performs unit level maintenance on the HAWK missile system and its associated equipment. Assists operators in march order and emplacement of equipment.

(2) *MOSC 23R20*. Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Provides technical assistance in orientation and alignment, conduct of operational and maintenance inspections, and march order and emplacement of the HAWK system. Initiates requests for repair parts, tools, test equipment and other supplies.

(3) *MOSC 23R30*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Enforces safety procedures and standards. Conducts training programs for maintenance

personnel. Supervises unit level maintenance on assigned equipment, preparation and maintenance of maintenance forms and records, and technical inspections on assigned equipment.

(4) *MOSC 23R40*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Assists in establishing HAWK maintenance procedures. Coordinates and supervises HAWK maintenance activities and conducts technical inspections. Supervises the requisitioning and stockage of repair parts and supplies. Serves as a member of the maintenance and operations readiness inspection team.

(5) *MOSC 23R50*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Evaluates, inspects, and coordinates maintenance and operational readiness activities in subordinate units. Advises the battalion commander on unit maintenance programs.

*b. Physical demands rating and qualifications for initial award of MOS.* Missile mechanics must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) Formal training (completion of MOS 23R conducted under the auspice of the Commandant, USA Air Defense Artillery School) mandatory.

(7) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-23R-1*. Physical requirements.
- (2) *Table 10-23R-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-23R-3*. Standards of grade TDA.

#### **10-78. 24H—HAWK Fire Control Repairer (HAWK Fire Control Repairer) (Reserve Components), CMF 35**

*a. Major duties.* The HAWK fire control repairer supervises and performs direct and general support maintenance on HAWK phase II fire control equipment. Duties for MOS 24H at each skill level are:

(1) *MOSC 24H10*. Performs direct and general support maintenance on the electronic systems of battery control center (BCC), information coordination control (ICC), and platoon command post (PCP). Performs tests and adjusts components to specific tolerances and determines shortcomings and malfunctions in electronic assemblies, subassemblies, modules, and circuit elements with common and system peculiar test equipment. Determines serviceability and disposition of defective assemblies, subassemblies, modules, and circuit elements. Repairs unserviceable items by removing and replacing defective components. Operates and performs unit maintenance on Mobile Team Shop (MTS), standard test equipment, and system peculiar test equipment. Performs quality control measures and serves on maintenance and inspection teams. Prepares maintenance and supply forms.

(2) *MOSC 24H20*. Performs duties shown in preceding level of skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Performs initial, in process and final type inspections of designated system items and their assemblies, subassemblies, modules and circuit elements. Installs equipment modifications and provides technical assistance to supported units.

(3) *MOSC 24H30*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the

soldiers in the accomplishment of their duties. Establishes workloads and repair priorities. Recommends procedures for receipt, storage, inspection, testing and repair of items. Implements quality control measures, determines faulty work practices and demonstrates proper maintenance and troubleshooting techniques. Supervises maintenance and inspection teams. Establishes and keeps maintenance records. Prepares maintenance reports. Organizes and conducts OJT programs.

(4) *MOSC 24H40*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

*b. Physical demands rating and qualifications for initial award of MOS.* HAWK fire control repairers must possess the following qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area of EL.
- (5) A security clearance of CONFIDENTIAL.
- (6) Mandatory formal training (or waiver issued by Commandant, USAMMCS, Redstone Arsenal, AL 35897).

(7) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-24H-1*. Physical requirements.
- (2) *Table 10-24H-2*. Standards of grade TOE/MTOE.

#### **10-79. 24K—HAWK Continuous Wave Radar Repairer (HAWK CW Rdr Rep) (Reserve Components), CMF 35**

*a. Major duties.* The HAWK continuous wave radar repairer supervises and performs direct and general support maintenance on HAWK phase II continuous wave radars. Duties for MOS 24K at each skill level are:

(1) *MOSC 24K10*. Performs direct and general support maintenance on electronic systems of the HAWK phase II continuous wave radar (CWAR) and high power illuminator radar (HIPIR). Performs tests and adjusts components to specific tolerances and determines shortcomings and malfunctions in electronic assemblies, subassemblies, modules, and circuit elements with common and system peculiar test equipment. Determines serviceability and disposition of defective assemblies, subassemblies, modules and circuit elements. Removes and replaces defective components. Prepares equipment for inspection. Operates and performs unit maintenance on support maintenance test equipment (SMTE) shop 3, mobile team shop (MTS), standard test equipment, and system peculiar test equipment. Performs quality control measures. Prepares maintenance and supply forms.

(2) *MOSC 24K20*. Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Performs initial, in process, and final type inspections of designated system items and their assemblies, subassemblies, modules and circuit elements. Installs equipment modifications and provides technical assistance to supported units.

(3) *MOSC 24K30*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Establishes workloads and repair priorities. Recommends procedures for receipt, storage, inspection, testing, and repair of items. Implements quality control measures, determines faulty work practices and demonstrates proper maintenance and troubleshooting techniques. Supervises maintenance and inspection teams. Establishes and keeps maintenance records. Prepares maintenance reports. Organizes and conducts OJT programs.

(4) *MOSC 24K40*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

*b. Physical demands rating and qualifications for initial award of MOS.* HAWK continuous wave radar repairers must possess the following qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area EL.
- (5) A security clearance of CONFIDENTIAL.
- (6) Mandatory formal training (or waiver issued by Commandant, USAOMMCS, Redstone Arsenal, AL 35897-6100).

(7) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-24K-1*. Physical requirements.
- (2) *Table 10-24K-2*. Standards of grade TOE/MTOE.

#### **10-80. 24M—VULCAN System Mechanic (VULCAN Sys Mech), CMF 23 (Closed to women - see chapter 13)**

*a. Major duties.* The VULCAN system mechanic supervises and performs unit level maintenance on the VULCAN weapon system and associated equipment. Duties for MOS 24M at each skill level are:

(1) *MOSC 24M10*. Performs unit level maintenance on the VULCAN weapon system, range-only radar, and associated equipment. Troubleshoots, performs scheduled maintenance, checks, tests, adjusts, and isolates malfunctions on components of the VULCAN weapon system and associated subsystems. Performs maintenance on unit test, measurement, and diagnostics equipment.

(2) *MOSC 24M20*. Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Initiates requests for repair parts. Provides technical assistance and guidance in the conduct of operational and maintenance inspections.

(3) *MOSC 24M30*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Supervises the training of maintenance personnel. Instructs maintenance personnel in maintenance procedures and troubleshooting techniques. Maintains forms for scheduled maintenance of VULCAN system and test equipment.

(4) *MOSC 24M40*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Establishes maintenance procedures. Conducts technical inspections on VULCAN weapon system and associated equipment. Coordinates maintenance activities with supporting units. Supervises the requisitioning and stockage of supplies and repair parts.

*b. Physical demands rating and qualifications for initial award of MOS.* VULCAN system mechanics must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area EL.
- (5) A security clearance of CONFIDENTIAL.
- (6) Mandatory formal training (or waiver issued by Commandant, USAADS, Fort Bliss, TX 79916).

(7) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-24M-1*. Physical requirements.
- (2) *Table 10-24M-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-24M-3*. Standards of grade TDA.

#### **10-81. 24N—CHAPARRAL System Mechanic (CHAPARRAL Sys Mech), CMF 14 (Closed to women - see chapter 13)**

*a. Major duties.* The CHAPARRAL system mechanic supervises and performs unit level maintenance on the CHAPARRAL missile system and associated equipment. Duties for MOS 24N at each skill level are:

(1) *MOSC 24N10*. Performs unit level maintenance on the CHAPARRAL weapons system and associated equipment to include CHAPARRAL missiles and identification, friend or foe (IFF) equipment. Services and performs scheduled unit level maintenance on components of the CHAPARRAL launching station and associated subsystems. Inspects and records deficiencies on CHAPARRAL missiles. Checks, troubleshoots, adjusts and repairs the CHAPARRAL weapon system and associated equipment at unit level. Installs authorized equipment and performs operator maintenance on assigned individual and section TOE equipment.

(2) *MOSC 24N20*. Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Provides technical assistance and guidance in the conduct of operational and maintenance inspections and in operator maintenance training. Assists in maintaining equipment records and repair lists. Performs advanced troubleshooting using system theory and schematic interpretation.

(3) *MOSC 24N30*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Supervises maintenance training to include collective and shared tasks for the CHAPARRAL weapon system and associated equipment. Prepares repair parts requests and modification work orders. Implements calibration support system.

(4) *MOSC 24N40*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Coordinates activities with supporting maintenance units. Supervises maintenance management program. Trains CHAPARRAL personnel on storage, maintenance, and security of accountable property. Conducts technical inspections on CHAPARRAL weapon system and associated equipment.

*b. Physical demands rating and qualifications for initial award of MOS.* CHAPARRAL systems mechanics must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area EL.
- (5) A security clearance of CONFIDENTIAL.
- (6) Mandatory formal training (or waiver issued by Commandant, USAADS, Ft Bliss, TX 79916).

(7) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-24N-1*. Physical requirements.
- (2) *Table 10-24N-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-24N-3*. Standards of grade TDA.

**10-82. 24T—PATRIOT Operator and System Mechanic (PATRIOT Op/Sys Mech), CMF 23**

(Rescinded.)

**10-83. 25L—AN/TSQ-73 Air Defense Artillery Command and Control System Operator/Maintainer (AN/TSQ-73 Op/Maint), CMF 23**

(Rescinded.)

**10-84. 25M—Multimedia Illustrator, CMF 25**

*a. Major duties.* Supervises, plans, or operates manual, mechanical, and electronic multimedia imaging equipment to integrate armament delivery recordings and various visual information products to report combat and noncombat Army, Joint, and Combined operations; creates illustrations, layouts, map overlays, posters, graphs, and charts, in support of battlefield operations, psychological operations, military intelligence, medical, public affairs, and training functions; performs unit level maintenance on assigned equipment and PMCS on assigned vehicles and generators. Duties for MOS 25M at each skill level are:

(1) *MOSC 25M10.* Operates assigned equipment to combine various visual media to create visual information presentation; prepares graphic products using manual, mechanical, and electronic equipment; performs unit level maintenance on assigned equipment and PMCS on assigned vehicles and generators.

(2) *MOSC 25M20.* Directs the manipulation and enhancement of images; determines media, style, design and technical requirements for subordinates to create, sequence, and develop visual information presentation products; determines and develops sequence and manner of presentation of products.

(3) *MOSC 25M30.* Supervises personnel and plans operational workload and priority for creating, manipulating, and integrating visual information products.

*b. Physical demands rating and qualifications for initial award of MOS.* The Multimedia Illustrator must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area ST and EL.
- (5) High school graduate or equivalent.
- (6) Mandatory formal training (completion of MOS 25M Course approved by the USA Signal School). Waiver may be granted by Commandant, USASC & FG, Ft Gordon, GA 30905-5300.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-25M-1.* Physical requirements.
- (2) *Table 10-25M-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-25M-3.* Standards of grade TDA.

**10-85. 25R—Visual Information Equipment Operator-Maintainer (VI Equip Op-Maint), CMF 25**

*a. Major duties.* Installs, operates, maintains and performs unit and higher levels of maintenance on visual information equipment and systems, to include Video Teleconferencing VI equipment, in support of Army, Joint, and Combined operations; maintains forms, records, PLL, special tools and test equipment; performs PMCS on assigned vehicles and generators. Duties for MOS 25R at each skill level are:

(1) *MOSC 25R10.* Operates and performs unit and higher levels of maintenance on television receivers/monitors and cameras; studio accessories consisting of computer controlled video switchers and audio mixers/consolas, synchronous generators, distribution equipment, and amplifying equipment; motion/still photo imaging equipment; closed circuit systems; visual imagery satellite, microwave, RF transmission and cable distribution systems associated with VI

operations; operates and maintains VI equipment in a Video Teleconferencing facility; operates and performs PMCS on assigned vehicles and power generators.

(2) *MOSC 25R20.* Provides technical guidance on complex operations and maintenance tasks; adjusts and maintains TV equipment to prescribed standards; ensures that proper techniques and procedures to diagnose malfunctions of VI and associated equipment are employed; supervises receipt, storage, and issue of VI supplies.

(3) *MOSC 25R30.* Prepares work schedules and assigns tasks based on requirements; plans technical aspects to satisfy on-air maintenance requirements; develops and advises Commanders on TV broadcasting and VI production engineering requirements; establishes and applies quality control measures in TV broadcasting and VI productions; serves as team leader on VI/Audio equipment repair teams.

*b. Physical demands rating and qualifications for initial award of MOS.* The visual information equipment operator-maintainer must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 212221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area EL.
- (5) High school graduate or equivalent.
- (6) Successful completion of one year of high school algebra and general science.
- (7) Mandatory formal training (completion of MOS 25R Course approved by the USA Signal School). Waiver may be granted by Commandant, USASC & FG, Ft Gordon, GA 30905-5300.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-25R-1.* Physical requirements.
- (2) *Table 10-25R-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-25R-3.* Standards of grade TDA.

**10-86. 25V—Combat Documentation/Production Specialist (Cbt Doc/Produc Sp), CMF 25**

*a. Major duties.* Supervises, plans, and operates electronic and film based still, video, and audio acquisition equipment to document combat and noncombat Army, Joint, and Combined operations; operates broadcast, collection, television production and distribution equipment; creates visual information products in support of combat documentation, psychological operations, military intelligence, medical, public affairs, training, and other functions; performs unit level maintenance on assigned equipment and PMCS on assigned vehicles and generators. Duties for MOS 25V at each skill level are:

(1) *MOSC 25V10.* Operates and performs unit level maintenance on motion, still, and studio television cameras; electronic and film based processing, editing, audio, and printing darkroom equipment; prepares captions for documentation images; operates and performs PMCS on assigned vehicles and power generators.

(2) *MOSC 25V20.* Supervises and provides technical guidance to subordinate documentation/production team members; monitors, operates, and performs unit level maintenance on master control systems; aligns and adjusts video cameras; prepares video reports for review by commanders and planning staff; operates and performs unit level maintenance on still video transmission systems.

(3) *MOSC 25V30.* Performs as team leader of combat camera documentation teams; determines documentation/production equipment and systems mission support requirements; coordinates and directs personnel and operational requirements to produce audiovisual, audio, and television productions in both fixed and tactical environments.

*b. Physical demands rating and qualifications for initial award of MOS.* The Combat Documentation/Production Specialist must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 111221.

- (3) Normal color vision.
- (4) Depth perception: Normal binocular vision for fine close work as determined by the Armed Forces Vision Tester.
- (5) A minimum score of 95 in aptitude area ST and EL.
- (6) High school graduate or equivalent.
- (7) Mandatory formal training (completion of MOS 25V Course approved by the USA Signal School). Waiver may be granted by Commandant, USASC & FG, Ft Gordon, GA 30905-5300.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-25V-1.* Physical requirements.
- (2) *Table 10-25V-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-25V-3.* Standards of grade TDA.

**10-87. 25Z—Visual Information Operations Chief (VI Op Chief), CMF 25**

*a. Major duties.* Plans, programs, and supervises personnel performing visual information support for Army, Joint, and Combined operations; manages documentation/production, multimedia illustration, television production and distribution, and VI equipment repair operations and facilities supporting combat documentation, psychological operations, military intelligence, public affairs, training, and special functions; supervises PMCS on assigned vehicles and power generators. Other major duties at the following skill levels are:

- (1) *MOSC 25Z40.* Plans, supervises, and coordinates the operation, maintenance, and management of systems, facilities, and personnel engaged in visual information operations; supervises PMCS on assigned vehicles and power generators.
- (2) *MOSC 25Z50.* Plans, develops, and implements visual information operational training, doctrine, and major command operations; directs visual information operations for larger scale VI operations at Theater and Corps level.

*b. Physical demands rating and qualifications for initial award of MOS.* The Visual Information Operations Chief must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) Minimum score in aptitude area—N/A.
- (5) Mandatory formal training (completion of CMF 25 Advanced NCO course approved by the USA Signal School). Waivers of this requirement may be granted by the Commandant, U.S. Army Signal Center, Fort Gordon, GA 30905-5300.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations.
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and standards of grade relating to each skill level are listed in the following tables:

- (1) *Table 10-25Z-1.* Physical requirements.
- (2) *Table 10-25Z-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-25Z-3.* Standards of grade TDA.

**10-88. 27E—Land Combat Electronic Missile System Repairer, CMF 35**

*a. Major duties.* The land combat electronic missile system repairer supervises or performs direct and general support (DS/GS) level maintenance on the TOW and DRAGON missile systems and the Bradley Fighting Vehicle System (BFVS). Duties for MOS 27E at each level of skill are:

- (1) *MOSC 27E10.* Performs quality control measures. Inspects, tests, adjusts components to specific tolerances. Determines shortcomings and malfunctions in electronic, electrical, mechanical,

pneumatic, optical, and electromechanical assemblies, sub-assemblies, modules and circuit elements, with common and system special design test equipment. Repairs unserviceable items by removing and replacing defective components and parts. Repairs unserviceable optical and infrared components by aligning, adjusting, removing and replacing defective modules and assemblies. Determines serviceability and disposition of defective assemblies, sub-assemblies, and parts. Performs maintenance adjustments and repairs on job-related tools and equipment. Prepares maintenance and supply forms and reports. Serves on inspection and maintenance teams.

(2) *MOSC 27E20.* Performs and supervises duties in preceding skill level and provides technical guidance to lower grade personnel in the accomplishment of their duties. Performs quality control measures. Installs equipment modifications and provides technical assistance to supported units.

(3) *MOSC 27E30.* Perform duties shown in preceding levels of skill. Establishes workloads and repair priorities; organizes work schedules, assigns duties, instructs subordinates in work techniques, and procedures for receipt, storage, inspection, testing, and repair of equipment. Implements quality control/quality assurance measures and performs initial and final inspection of equipment maintenance. Performs administrative functions in establishing and maintaining maintenance records.

(4) *MOSC 27E40.* Perform duties in preceding levels of skill. Supervises and coordinates support maintenance on Tube-Launched, Optical Tracked, Wire-Guided Missile (TOW), DRAGON, BFVS, Tow Field Test Set (TFTS) and Multiple Launch Rocket System (MLRS) missile systems. Serves as section chief or platoon sergeant of detachment, platoon, company, or comparable unit.

*b. Physical demands rating and qualifications for initial award of MOS.* Land combat electronic missile system repairer must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training (completion of MOS 27E course conducted under auspices of the U.S. Army Ordnance Missile and Munitions Center and School) mandatory; or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) J9—TOW Field Test Set (TFTS) (TOW-Ground).
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-27E-1.* Physical requirements.
- (2) *Table 10-27E-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-27E-3.* Standards of grade TDA.

**10-89. 27F—VULCAN Repairer, CMF 35**  
(Rescinded.)

**10-90. 27G—CHAPARRAL and REDEYE Repairer (CHAPARRAL/REDEYE Rep), CMF 35**

*a. Major duties.* The CHAPARRAL and REDEYE repairer supervises or performs direct and general support (DS/GS) level maintenance on the CHAPARRAL and REDEYE missile systems and associated equipment and trainers. Duties for MOS 27G at each skill level are:

- (1) *MOSC 27G10.* Inspects, tests and adjusts components to specific tolerances. Determines shortcomings and malfunctions in electronic, electrical and cryogenic assemblies, subassemblies, modules, and circuit elements using system associated test equipment. Repairs or removes and replaces defective components and parts. Determines serviceability and disposition of system assemblies, subassemblies and parts. Performs quality control measures. Performs

maintenance adjustments on test equipment. Completes maintenance and supply forms and reports.

(2) *MOSC 27G20*. Performs duties shown in preceding skill level and provides technical guidance to lower grade personnel in the accomplishment of their duties. Provides technical assistance to supported units. Responsible for installing equipment modifications.

(3) *MOSC 27G30*. Performs duties in preceding levels of skill. Establishes workload and repair priorities. Recommends procedures for receipt, storage, inspection, testing and repair of assemblies and subassemblies. Supervises inspection and maintenance teams. Organizes and conducts on the job training (OJT) programs. Demonstrates proper maintenance and troubleshooting techniques. Determines faulty works practices. Implements quality control measures. Performs as maintenance Quality Assurance and Quality Control (QA/QC) inspector. Performs initial, in-process, and final inspection of systems assemblies and subassemblies. Establishes and maintains maintenance records and reports.

(2) *MOSC 27G40*. Supervises and coordinates direct and general support (DS/GS) level maintenance of CHAPARRAL and REDEYE missile systems, VULCAN weapon system electronics, system associated trainers and test equipment, and power generation equipment. Supervises calibration of system associated electronic equipment. Serves as section chief or platoon sergeant of a detachment, platoon, company or comparable organization performing missile and weapon system support maintenance. Assists in the development of, and supervises quality control program.

*b. Physical demands rating and qualifications for initial award of MOS.* CHAPARRAL and REDEYE repairer must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training (completion of MOS 27G Course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or waiver may be granted by the Commandant USAOMMCS, Redstone Arsenal, AL 35897-6000.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-27G-1*. Physical requirements.
- (2) *Table 10-27G-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-27G-3*. Standards of grade TDA.

## **10-91. 27H—HAWK Field Maintenance Equipment and Firing Repairer (HAWK FME/FS Rep), CMF 35**

*a. Major duties.* The HAWK field maintenance equipment and firing section repairer performs or supervises unit level, and direct and general support (DS/GS) level maintenance on HAWK Field Maintenance Equipment (FME), Automatic Test Equipment (ATE), Pulse Acquisition Radar (PAR), standard and system peculiar test equipment and performs or supervises DS/GS level maintenance on electrical, electronic, hydraulic, mechanical hydropneumatic, and electromechanical portions of the HAWK system. Duties for MOS 27H at each level of skill are:

(1) *MOSC 27H10*. Performs DS/GS level maintenance on the electronic systems of the PAR and the electrical, electronic, hydraulic, hydropneumatic, mechanical and electromechanical portions of the HAWK launcher and loader transporter. Performs DS/GS level maintenance on the mechanical, electro-mechanical and cooling system portions of the Continuous Wave Radar (CWAR), High Power Illuminator Radar (HIPIR) and PAR. Operates and performs unit and DS/GS level support maintenance on FME, ATE, standard and

system peculiar test equipment. Performs tests and adjusts components to specific tolerances and determines shortcomings and malfunctions in electronic assemblies, subassemblies, modules and circuit elements with common and system peculiar test equipment. Determines serviceability and disposition of defective assemblies, subassemblies, modules and circuit elements. Repairs unserviceable items by removing and replacing defective components. Performs load testing, maintenance calibration, and repair of system-related tools and equipment. Operates and performs unit level maintenance on Shop 20 and Shop 21. Operates and performs unit and DS/GS level maintenance support on the Mobile Team Shop (MTS). Performs quality control measures and serves on maintenance and inspection teams. Completes maintenance and supply forms.

(2) *MOSC 27H20*. Performs duties shown in preceding skill level and provides technical guidance to lower grade personnel in the accomplishment of their duties. Performs initial, in-process and final type inspections of designated system items and their assemblies, subassemblies, modules and circuit elements. Installs equipment modifications and provides technical assistance to supported units.

(3) *MOSC 27H30*. Supervises duties shown in preceding levels of skill. Implements quality control measures, determines faulty work practices and demonstrates proper maintenance and troubleshooting techniques. Isolates malfunctions in system interface circuits. Performs as maintenance technical inspector. Supervises maintenance and inspection teams. Trains lower ranking personnel in technical aspects of FME, ATE, PAR, standard and system peculiar test equipment and mechanical and electromechanical repair of the HAWK system. Prepares maintenance and supply forms.

(4) *MOSC 27H40*. Performs and supervises duties performed at preceding levels of skill. Establishes workloads and repair priorities. Recommends procedure for receipt, storage, inspection, testing and repair of items. Instructs lower ranking personnel in the technical aspect of FME, ATE, PAR, standard and system peculiar test equipment and mechanical/electromechanical repair of the HAWK system. Organizes and conducts on the job training (OJT) programs. Establishes and maintains maintenance records. Prepares maintenance reports.

*b. Physical demands rating and qualifications for initial award of MOS.* HAWK field maintenance equipment and firing section repairer must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.

(7) Formal training (completion of MOS 27H Course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or waiver may be granted by the Commandant USAOMMCS, Redstone Arsenal, AL 35897-6000.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.
- (4) 8A—Identification Friend or Foe (IFF) Repairer.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-27H-1*. Physical requirements.
- (2) *Table 10-27H-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-27H-3*. Standards of grade TDA N/A.

## **10-92. 27K—HAWK Fire Control and Continuous Wave Radar Repairer (HAWK FC/CW Rep), CMF 35**

*a. Major duties.* The HAWK fire control and continuous wave radar repairer performs or supervises direct and general support (DS/GS) level maintenance on HAWK fire control systems and continuous wave radars. Duties for MOS 27K at each level of skill are:

(1) *MOSC 27K10*. Performs DS/GS level maintenance support on the electronic systems of the HAWK Continuous Wave Radar

(CWAR), High Power Illuminator Radar (HIPIR), Platoon Command Post (PCP) and Video Tracking Group Radar (VTGR). Operates and performs unit maintenance on Support Maintenance Test Equipment (SMTE) Shop 3, Mobile Team Shop (MTS), standard and system peculiar test equipment. Performs tests and adjusts components to specific tolerances and determines shortcomings and malfunctions in electronic assemblies, subassemblies, modules and circuit elements with common and system peculiar test equipment. Determines serviceability and disposition of defective assemblies, subassemblies, modules and circuit elements. Repairs unserviceable items by removing and replacing defective components. Performs quality control measures and serves on maintenance and inspection teams. Completes maintenance and supply forms.

(2) *MOSC 27K20*. Performs duties shown in preceding level of skill and provides technical guidance to lower grade personnel. Performs initial, in process and final type inspections of designated system items and their assemblies, subassemblies, modules and circuit elements. Installs equipment modifications and provides technical assistance to supported units.

(3) *MOSC 27K30*. Performs and supervises duties performed at preceding levels of skill. Implements quality control measures, determines faulty work practices and demonstrates proper maintenance and troubleshooting techniques. Isolates malfunctions in system interface circuits. Performs as maintenance technical inspector. Supervises maintenance and inspection teams. Trains lower ranking personnel in technical aspects of CWAR, HIPIR, PCP, and VTGR. Prepares maintenance and supply forms.

(4) *MOSC 27K40*. Performs and supervises duties performed at preceding levels of skill. Establishes workloads and repair priorities. Recommends procedures for receipt, storage, inspection, testing and repair of items. Instructs lower ranking personnel in the technical aspects of CWAR, HIPIR, PCP, and VTGR. Organizes and conducts on the job training (OJT) programs. Establishes and maintains maintenance records. Prepares maintenance reports. Organizes maintenance teams.

*b. Physical demands rating and qualifications for initial award of MOS. HAWK fire control and continuous wave radar repairer must possess the following qualifications:*

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training (completion of MOS 27K Course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or waiver may be granted by the Commandant USAOMMCS, Redstone Arsenal, AL 35897-6000.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-27K-1*. Physical requirements.
- (2) *Table 10-27K-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-27K-3*. Standards of grade TDA N/A.

### **10-93. 27M—Multiple Launch Rocket System (MLRS) Repairer (MLRS Rep), CMF 35**

*a. Major duties.* The MLRS repairer supervises or performs direct and general support (DS/GS) level maintenance on multiple launch rocket system (MLRS) self-propelled launcher-loader (SPLL) (less carrier), launcher pod/container (LP/C) trainer, and test support group. Duties for MOS 27M at each level of skill are:

(1) *MOSC 27M10*. Troubleshoots SPLL and the launcher loader module (LLM) electrical, electronic, mechanical assemblies, modules and interconnecting cables to isolate malfunctions. Replaces or repairs electrical, hydraulic and mechanical assemblies, modules,

and cables determined to be faulty. Uses breakout boxes and built in test equipment (BITE) for fault isolation and verification or adjustment of electrical assemblies and modules of LLM. Repairs, replaces chassis mounted components on units under test. Operates system cable tester. Performs unit maintenance on system peculiar test, training, and ancillary equipment. Assist automatic test equipment (ATE) operator in fault isolating LLM electronic modules and assemblies to component level at organizational level. Prepares and maintains equipment logs, equipment modification and utilization records, exchange logs, and calibration data cards. Completes maintenance and supply forms and records.

(2) *MOSC 27M20*. Performs duties shown in preceding level of skill. Supervises lower rank soldiers and provides technical guidance to soldiers in the accomplishment of their duties. Provides technical assistance to supported units.

(3) *MOSC 27M30*. Supervises subordinate MLRS repairers engaged in support maintenance activities. Supervises inspection and maintenance teams. Performs as maintenance quality assurance and quality control (QA/QC) inspector, and implements quality control measures. Performs initial, work-in-process, final, and on-site technical and quality control inspections. Monitors activities associated with maintenance of MLRS for potential problem areas and recommends improved procedures, if required. Identifies faulty work practices and demonstrates proper maintenance techniques. Organizes and conducts OJT programs.

(4) *MOSC 27M40*. Perform duties shown in preceding levels of skill. Supervises and coordinates support maintenance on TOW, DRAGON, BFVS, TFTS, and MLRS missile systems.

*b. Physical demands rating and qualifications for initial award of MOS.* Multiple launch rocket system (MLRS) repairer must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training (completion of MOS 27M Course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-27M-1*. Physical requirements.
- (2) *Table 10-27M-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-27M-3*. Standards of grade TDA.

### **10-94. 27T—AVENGER System Repairer (AVENGER Sys Rep), CMF 35**

*a. Major duties.* The AVENGER system repairer supervises, performs and inspects unit level, direct support and general support maintenance on AVENGER system and associated components (less carrier and communications). Duties for MOS 27T at each skill level are:

(1) *MOSC 27T10*. Performs quality control measures. Performs maintenance adjustments on test equipment. Serves on maintenance and inspection teams. Inspects, tests and adjusts components to specific tolerances. Determines shortcomings and malfunctions in electronic, electrical and cryogenic assemblies, modules and circuit elements using system associated equipment. Removes and replaces defective line replaceable units (LRU), including interconnecting cables. Determines serviceability and disposition of assemblies, subassemblies and parts. Removes and installs servomotor/Azimuth Gear Assembly. Prepares maintenance and supply forms.

(2) *MOSC 27T20*. Performs duties in preceding skill level, supervises lower rank soldiers and provides technical guidance to the

soldiers in the accomplishment of their duties. Provides technical assistance to supported units. Installs equipment modifications.

(3) *MOSC 27T30*. Performs duties in preceding skill levels, supervises lower rank soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Establishes workload and repair priorities. Recommends procedures for receipt, storage, inspection, testing and repair of the AVENGER system and its components. Implements quality control measures. Maintains maintenance records and prepares maintenance reports.

(4) *MOSC 27T40*. Perform duties in preceding skill levels, supervises lower rank soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Supervises and coordinates unit level, direct support and general support maintenance on AVENGER systems, associated trainers, test equipment and power generation equipment. Supervises calibration of electronic equipment associated with the AVENGER system. Performs inspections of system maintenance. Ensures quality control measures are implemented.

*b. Physical demands rating and qualifications for initial award of MOS.* AVENGER crewmembers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area EL.
- (5) A security clearance of CONFIDENTIAL.
- (6) A U.S. citizen.
- (7) Mandatory formal training (or waiver granted by Commandant, U.S. Army Ordnance Missile and Munitions Center and School, Redstone Arsenal, AL 35897-6000).

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-27T-1*. Physical requirements.
- (2) *Table 10-27T-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-27T-3*. Standards of grade TDA.

### **10-95. 27X—PATRIOT System Repairer (PATRIOT Sys Rep), CMF 35**

*a. Major duties.* The PATRIOT system repairer performs or supervises direct and general support (DS/GS) level maintenance on the PATRIOT missile system, associated equipment and trainers. Duties for MOS 27X at each level of skill are:

(1) *MOSC 27X20*. Performs DS/GS level maintenance on the PATRIOT Information and Coordination Central (ICC), Engagement Control Station (ECS), Radar Set (RS), Antenna Mast Group (AMG), Launching Station (LS) and Communications Relay Group (CRG). Performs tests and adjusts components to specific tolerances and determines shortcomings and malfunctions in electronic assemblies, subassemblies, modules and circuit elements with common and system peculiar test equipment. Isolates malfunctions using automatic and semi-automatic program maintenance diagnostic software, unit self test and built in test equipment (BITE). Develops specialized computer software tests to evaluate suspected faults. Isolates system interface malfunctions. Determines serviceability and disposition of defective assemblies, subassemblies, modules and circuit elements. Repairs unserviceable items by removing and replacing defective components. Operates and performs unit level maintenance on standard and system peculiar test equipment. Performs quality control measures and serves on maintenance and inspection teams. Completes maintenance and supply forms. Provides technical assistance to supported units.

(2) *MOSC 27X30*. Performs duties shown in preceding level of skill and provides technical guidance to lower grade personnel in the performance of their duties. Performs initial, in process and final type inspections of designated system items and their assemblies,

subassemblies, modules and circuit elements. Performs as maintenance technical inspector.

(3) *MOSC 27X40*. Performs and supervises duties performed at preceding levels of skill. Implements quality control measures, determines faulty work practices and demonstrates proper maintenance and troubleshooting techniques. Establishes workloads and repair priorities. Establishes and maintains maintenance records. Supervises maintenance and inspection teams. Instructs lower ranking personnel in the technical aspects of the PATRIOT system. Prepares maintenance and supply forms.

(4) *MOSC 27X50*. Performs and supervises duties performed at preceding levels of skill. Recommends procedures for receipt, storage, inspection, testing and repair of items. Organizes maintenance teams. Prepares maintenance reports.

*b. Physical demands rating and qualifications for initial award of MOS.* PATRIOT system repairer must possess the following qualifications:

- (1) Physical demands rating—not applicable.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Qualified in MOS 24H, 24K, 27G, 27H, 27K, 35C, 35E, 35H, 35J, or 35Y in grades SGT or SSG.
- (8) Formal training (completion of MOS 27X Course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or waiver may be granted by the Commandant USAOMMCS, Redstone Arsenal, AL 35897-6000.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.
- (4) 8A—Identification Friend or Foe (IFF) Repairer.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-27X-1*. Physical requirements.
- (2) *Table 10-27X-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-27X-3*. Standards of grade TDA.

### **10-96. 27Z—Missile Systems Maintenance Chief (Msl Sys Mnt Ch), CMF 35**

*a. Major duties.* The missile systems maintenance chief supervises, plans and coordinates overall maintenance of the AVENGER, ATACMS, BFVS, CHAPARRAL, DRAGON, HAWK, LCSS, MLRS, TOW, and VULCAN weapon systems and associated subsystems. Duties for MOS 27Z are: supervises, inspects and evaluates activities of subordinate units or sections engaged in missile systems maintenance and associated supply activities. Serves as missile maintenance control sergeant in maintenance control or operations element of a company, detachment, or comparable organization engaged in missile maintenance. Assists in development and supervises quality assurance and quality control programs. Senior NCO in logistical support activities and material acquisition process to include senior career management NCO or senior career advisor. Serves as chief advisor to a reserve component and foreign military units and as chief instructor in major service schools.

*b. Physical demands rating and qualifications for initial award of MOS.* The missile systems maintenance chief must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 223221.
- (3) Normal color vision.
- (4) Minimum aptitude area score—N/A.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-27Z-1.* Physical requirements.
- (2) *Table 10-27Z-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-27Z-3.* Standards of grade TDA.

### **10-97. 31C—Radio Operator - Maintainer (Rdo Opr-Mnt), CMF 31**

a. *Major duties.* Radio operator-maintainers supervise, install, operate, and perform preventive maintenance checks and services (PMCS) and unit level maintenance on assigned amplitude modulation (AM) radios, Enhanced Position Locating and Reporting System (EPLRS) net control stations, radio teletypewriter assemblages, and Army Special Operations communications systems, to include COMSEC devices and associated equipment. Operates manual or automated communications systems. Operates and performs PMCS on assigned vehicles and power generators. Duties for MOS 31C at each level of skill are:

(1) *MOSC 31C10.* Installs, operates, and performs PMCS and unit level maintenance on single channel radio, radio teletypewriter, Army Special Operations communications equipment, and EPLRS net control stations, and associated equipment. Installs, operates, performs strapping, restrapping, PMCS and unit level maintenance on COMSEC devices. Prepares and transmits messages in format. Receives, records, and processes messages to addressees or distribution sections. Operates and performs PMCS on assigned vehicles. Installs, operates, and performs PMCS on assigned power generators.

(2) *MOSC 31C20.* Supervises, and performs as a team member, in the operation of single channel AM radio, radio teletypewriter, Army Special Operations communications equipment, or EPLRS net control station assemblages. Supervises and performs authorized maintenance on assigned equipment. Directs the installation of radios and antennas. Controls and uses Signal Operating Instructions (SOI). Implements COMSEC, OPSEC, and physical security policies and procedures. Recognizes electronic countermeasures (ECM) and implements electronic counter-countermeasures (ECCM).

(3) *MOSC 31C30.* Supervises the installation, operation and maintenance of high frequency (HF) radios. Prepares work schedules and allocates equipment for net operations or special missions. Advises superiors on capabilities and limitations of HF radio equipment. Writes or interprets operations orders and prepares standing operating procedures (SOP) for HF operations. Ensures compliance with security regulations governing HF radio, COMSEC, and automated data processing (ADP) equipment used with HF equipment. Coordinates logistical support for subordinate teams. Establishes training programs for subordinate personnel.

b. *Physical demands rating and qualifications for initial award of MOS.* Radio operator-maintainer must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111221.
- (3) A minimum scores of 100 in aptitude area SC and 100 in aptitude area EL.
- (4) A security clearance of SECRET.
- (5) Ability to clearly enunciate English.
- (6) A U.S. citizen.
- (7) The ability to type 25 WPM.
- (8) Formal training (completion of MOS 31C Course conducted under the auspices of the USA Signal School) mandatory or waiver may be granted by Commandant, U.S. Army Signal School, ATTN: ATZH-POE, Ft Gordon, GA 30905-5300; or meet the civilian acquired skills criteria listed in AR 601-210.

c. *Additional skill identifiers.*

- (1) D9—Battlefield Spectrum Management (skill level 3 only).
- (2) J7—WHCA Console Control Operations.
- (3) P5—Master Fitness Trainer.
- (4) T1—Enhanced Position Location and Reporting System

(EPLRS) Net Control Station (NCS) and Enhanced Ground Reference Unit (EGRU) Operator.

- (5) 2S—Battle Staff Operations (skill level 3 and above only).
- (6) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-31C-1.* Physical requirements.
- (2) *Table 10-31C-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-31C-3.* Standards of grade TDA.

### **10-98. 31F—Network Switching Systems Operator-Maintainer (Net Sw Sys Opr-Mnt), CMF 31**

a. *Major duties.* The network switching systems operator-maintainer supervises, installs, operates, and performs systems maintenance on large and small electronic switches; system control centers; node management facilities; associated multiplexing and combat net radio interface (CNRI) equipment; short range line of sight radio systems; communications security (COMSEC) devices; and other equipment associated with network switching operations. Duties for MOS 31F at each skill level are:

(1) *MOSC 31F10.* Installs, initializes, operates, and performs unit level and direct support maintenance on electronic switching assemblages, systems, and ancillary communications equipment. Uses computers to perform system/network operations. Interprets BIT/BITE and error codes to correct system faults. Installs, operates, performs strapping, restrapping, PMCS, and unit level maintenance on COMSEC devices. Operates and performs preventive maintenance checks and services (PMCS) on assigned vehicles. Installs, operates, and performs PMCS on power generators.

(2) *MOSC 31F20.* Supervises, and performs as senior team member, in the installation, operation, employment, and direct support systems maintenance of large and small electronic switches and associated equipment. Performs and assists subordinate operators in the conduct of switching and COMSEC operations, Combat Net Radio Interface (CNRI) procedures, and associated computer related technical tasks. Interprets orders and compiles system statistics for the Shift or Node. Requests logistical support for switching teams or shifts. Implements network control center generated changes to support operational requirements. Assists in the conduct of preventive maintenance checks and services (PMCS) procedures on assigned vehicles and power generators.

(3) *MOSC 31F30.* Supervises and performs complex and multifaceted switching operations functions. Supervises the installation, operation, deployment, provisioning, and maintenance of electronic switching assemblages or systems. Disseminates network orders, compiles operational statistics and reports, and processes requests for logistic support. Coordinates, integrates, and controls the operation of large and small electronic node switches with associated transmission systems and local network subscribers. Performs systems control center operations for the planning, configuration, and employment of switching equipment. Ensures contingency operations plans and routing subsystems are correctly maintained in the database to reflect current operational scenario. Troubleshoots complex system faults and supervises or corrects failures to meet system availability and reliability standards. Interprets operations orders affecting switching operations. Conducts switching technical, operational, and maintenance training of subordinates. Submits consolidated logistic and system status reports.

b. *Physical demands rating and qualifications for initial award of MOS.* Network switching systems operator-maintainer must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 212221.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area EL and 105 in aptitude area SC.
- (5) Ability to read, comprehend, and clearly enunciate English.
- (6) Ability to work for extended periods in a confined area.
- (7) A security clearance of SECRET.

(8) Credit for successful completion of one year of high school algebra and science.

(9) A U.S. citizen.

(10) Formal Training (completion of MOS 31F Course conducted under the auspices of the USA Signal School) mandatory or waiver may be granted by Commandant, U.S. Army Signal School, ATTN: ATZH-POE, Ft Gordon, GA 30905-5300.

*c. Additional skill identifiers.*

(1) D9—Battlefield Spectrum Management (skill level 3 only).

(2) J7—WHCA Console Control Operations.

(3) P5—Master Fitness Trainer.

(4) 2S—Battle Staff Operations (skill level 3 and above only).

(5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-31F-1.* Physical requirements.

(2) *Table 10-31F-2.* Standards of grade TOE/MTOE.

(3) *Table 10-31F-3.* Standards of grade TDA.

### **10-99. 31L—Cable Systems Installer–Maintainer (Cable Sys Inst-Mnt), CMF 31**

*a. Major duties.* The cable systems installer–maintainer installs, operates, and performs unit level maintenance on cable and wire communications systems, communication security (COMSEC) devices, and associated equipment. Operates and performs Preventive Maintenance Checks and Services (PMCS) on assigned vehicles and power generators. Duties for MOS 31L at each level of skill are:

(1) *MOSC 31L10.* Installs, operates, and performs unit level maintenance on cable and wire systems, to include Digital Group Multiplexers (DGM), Remote Multiplexing Combiners (RMC), repeaters, restorers, voltage protection devices, telephones, test stations, intermediate distribution frames, and related equipment. Configures DGM and RMC for operations. Installs, operates, performs strapping, restrapping, PMCS and unit level maintenance on COMSEC devices. Performs tests on cable communications systems to ensure circuit and system quality. Tests circuits/groups to detect and locate line faults. Operates manual and motorized cable construction equipment. Climbs poles, as necessary, and assists in the construction of tactical cable and wire lines. Clears and maintains rights of way. Recognizes electronic countermeasures and applies appropriate electronic counter-countermeasures as necessary. Operates and performs PMCS on telephone line and other vehicles. Installs, operates, and performs PMCS on power generators.

(2) *MOSC 31L20.* Coordinates and supervises team member activities in the construction, installation, and recovery of cable and wire communications systems and auxiliary equipment. Coordinates remote trunking operations with switching central personnel. Interprets and updates line route maps and overlays. Coordinates team logistic requirements. Checks and performs PMCS and unit level maintenance on wire and cable systems and associated communications equipment. Ensures PMCS and maintenance functions are performed in accordance with published schedules.

(3) *MOSC 31L30.* Supervises and coordinates all phases of construction, recovery, and maintenance of cable and wire distribution systems and associated multiplexing, reeling, and testing equipment, including telephones. Estimates time, supplies, personnel, and equipment required to construct cable and wire communications systems. Assigns work crews and coordinates activities of personnel to meet workload demands. Inspects pole line construction and cable and wire lines and equipment to ensure approved construction and risk assessment standards are met. Supervises and checks maintenance performed by subordinate personnel. Prepares line route maps and overlays. Interprets circuit diagrams and operations order extracts. Prepares and conducts MOS and unit training programs. Advises the commander on cable and wire system operations. Supervises section and team deployment of individual and crew-served weapons for site defense. Employs and enforces principles of COMSEC, SIGSEC, OPSEC, and physical security.

*b. Physical demands rating and qualifications for initial award of*

*MOS.* Cable systems installer-maintainer must possess the following qualifications:

(1) A physical demands rating of heavy.

(2) A physical profile of 111221.

(3) Normal color vision.

(4) A minimum score of 90 in aptitude area EL and 90 in aptitude area SC.

(5) Be able to work at heights up to 40 feet for extended periods.

(6) A security clearance of SECRET.

(7) A U.S. citizen.

(8) Formal training (completion of MOS 31L Course conducted under the auspices of the USA Signal School) mandatory or waiver may be granted by Commandant, U.S. Army Signal School, ATTN: ATZH-POE, Ft Gordon, GA 30905-5300; or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

(1) D9—Battlefield Spectrum Management (skill level 3 only).

(2) F2—Antenna Installation.

(3) F6—Cable Splicing.

(4) J7—WHCA Console Control Operations.

(5) P5—Master Fitness Trainer.

(6) 2S—Battle Staff Operations (skill level 3 and above only).

(7) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-31L-1.* Physical requirements.

(2) *Table 10-31L-2.* Standards of grade TOE/MTOE.

(3) *Table 10-31L-3.* Standards

### **10-100. 31P—Microwave Systems Operator-Maintainer (MW Sys Opr-Maint), CMF 31**

*a. Major duties.* The microwave systems operator-maintainer supervises, installs, operates, and maintains microwave communications systems, and associated antennas, multiplexing, and COMSEC equipment. Performs engineering quality control and continuity testing of circuits, trunks, links, systems, and facilities. Major duties for MOS 31P at each level of skill are:

(1) *MOSC 31P10.* Configures, aligns, operates, and performs unit level and direct support maintenance on microwave communications and technical control equipment, and associated devices. Monitors, fault isolates, and restores telecommunications circuits, trunk groups, systems, and associated commercial and military interface equipment. Installs, operates, performs strapping, restrapping, preventive maintenance checks and services (PMCS) and unit level maintenance on COMSEC devices. Maintains circuit, link, system, and station records and reports. Operates and performs PMCS on assigned telecommunications equipment, vehicles, and power generators.

(2) *MOSC 31P20.* Performs complex microwave system troubleshooting and maintenance tasks. Provides technical assistance to personnel engaged in the operation and maintenance of microwave communications systems or technical control of voice and data systems and networks. Identifies and reports electronic jamming and deception, and applies appropriate electronic countermeasures. Activates and inactivates circuits, trunk groups, and systems. Supervises and assists subordinates in the performance of PMCS on assigned communications equipment, vehicles, and power generators. Requests logistic support and evacuates equipment to higher level maintenance facilities, when required.

(3) *MOSC 31P30.* Submits Telecommunications Service Requests (TSR) and implements telecommunications service orders (TSO). Supervises the operation and maintenance of microwave communications and technical control systems or facilities. Supervises direct support maintenance on associated equipment and unit level maintenance on COMSEC devices. Ensures that governing regulations on accountability, maintenance, and TEMPEST standards are complied with. Establishes workload, work schedules, and repair priorities. Performs or supervises quality control and technical evaluation inspections. Implements restoration priorities for circuit, trunk, and system outages. Coordinates Continuity of Operations

Plan (COOP). Coordinates logistical support, as established in the facility Standing Operating Procedures (SOP), or commercial activities contract.

(4) *MOSC 31P40*. Supervises, plans, and directs the installation, operation, and maintenance activities of microwave communications and technical control systems and facilities. Prepares and processes telecommunications service requests (TSR). Provides technical advice and assistance to subordinates. Writes operating policy and procedures for microwave and technical control facilities. Determines capabilities and limitations of assigned equipment. Establishes and maintains liaison with supported and supporting units and activities. Develops and conducts training for subordinate personnel. Assimilates data and submits statistical and other reports to operational control elements.

*b. Physical demands rating and qualifications for initial award of MOS.* Microwave systems operator-maintainer must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 212221.
- (3) Normal color vision.
- (4) Minimum score of 110 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) Credit for successful completion of one year of high school algebra and science.

- (7) High school graduate or equivalent.
- (8) A U.S. citizen.

(9) Formal Training (completion of MOS 31P Course conducted under the auspices of the USA Signal School) mandatory or waiver may be granted by Commandant, U.S. Army Signal School, ATTN: ATZH-POE, Ft Gordon, GA 30905-5300.

*c. Additional skill identifiers.*

- (1) C6—High Power Radio Operator-Maintainer.
- (2) J7—WHCA Console Control Operations.
- (3) P5—Master Fitness Trainer.
- (4) 2S—Battle Staff Operations (skill level 3 and above only).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-31P-1*. Physical requirements.
- (2) *Table 10-31P-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-31P-3*. Standards of grade TDA.

### **10-101. 31R—Multichannel Transmission Systems Operator-Maintainer (Mchan Xmsn Sys Op-Mnt), CMF 31**

*a. Major duties.* Multichannel transmission systems operator-maintainer supervise, install, operate, and perform unit level maintenance on multichannel line-of-site and tropospheric scatter communications systems, communications security (COMSEC) devices, and associated equipment. Operates and performs preventive maintenance checks and services (PMCS) on assigned vehicles. Installs, operates, and performs PMCS on power generators. Duties for MOS 31R at each skill level are as follows:

(1) *MOSC 31R10*. Installs, operates, and performs unit level maintenance on multichannel line-of-site and tropospheric scatter communications systems, antennas and associated equipment. Analyzes BIT/BITE diagnostics to isolate faults to the Line Replaceable Unit (LRU). Installs, operates, performs strapping, restrapping, PMCS, and unit level maintenance on COMSEC devices. Operates and performs Preventive Maintenance Checks and Services (PMCS) on assigned vehicles. Installs, operates, and performs PMCS on assigned power generators.

(2) *MOSC 31R20*. Supervises operations and assists team members in the installation and operation of multichannel line-of-site and tropospheric scatter communications systems. Supervises, performs and assists team members in the performance of unit level maintenance on assigned communications equipment. Requests logistical support. Prepares input for statistical and other operational reports.

(3) *MOSC 31R30*. Supervises and prepares work schedules for subordinate personnel engaged in the installation, operation, and

unit level maintenance of multichannel and tropospheric scatter radio systems. Provides subordinates technical assistance in resolving connectivity problems, complex maintenance faults, and during contingency situations. Plans and coordinates line-of-site or tropospheric scatter communications assemblage deployments and system operations. Writes standing operating procedures (SOP) pertaining to multi-channel operations. Develops training programs for subordinate personnel to ensure technical competency. Supervises and performs management and administrative duties related to personnel, systems operations, and logistics.

*b. Physical demands rating and qualifications for initial award of MOS.* Multi-channel transmission systems operator-maintainer must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 111221.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area EL and 100 in aptitude area SC.
- (5) Ability to read, comprehend, and clearly enunciate English.
- (6) Ability to work for extended periods in a confined area.
- (7) A security clearance of SECRET.
- (8) A U.S. citizen.
- (9) Formal training (completion of MOS 31R Course conducted under the auspices of the USA Signal School) mandatory or waiver may be granted by Commandant, U.S. Army Signal School, ATTN: ATZH-POE, Ft Gordon, GA 30905-5300.

*c. Additional skill identifiers.*

- (1) D9—Battlefield Spectrum Management (skill level 3 only).
- (2) J7—WHCA Console Control Operations.
- (3) P5—Master Fitness Trainer.
- (4) P7—Satellite Communications Terminal AN/TSC-85()/93() Operator-Maintainer (personnel only).
- (5) 2S—Battle Staff Operations (skill level 3 and above only).
- (6) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-31R-1*. Physical requirements.
- (2) *Table 10-31R-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-31R-3*. Standards of grade TDA.

### **10-102. 31S—Satellite Communication Systems Operator-Maintainer (SATCOM Sys Op-Mnt), CMF 31**

*a. Major duties.* The satellite communication systems operator-maintainer supervises, installs, operates, and maintains strategic and tactical multi-channel satellite communications ground terminals, systems, networks, communication security (COMSEC) devices, and associated equipment. Operates and performs preventive maintenance checks and services (PMCS) on assigned communications equipment, vehicles, and power generators. Major duties for MOS 31S at each level of skill are:

(1) *MOSC 31S10*. Installs, configures, operates, aligns, conducts performance tests, and performs unit and direct support maintenance on satellite communications equipment and associated devices. Conducts stressed and unstressed network operations. Performs quality control tests on circuits, trunk groups, systems, and ancillary equipment. Installs, operates, performs strapping, restrapping, PMCS and unit level maintenance on COMSEC devices. Prepares system and equipment related forms and reports. Installs tactical satellite antenna equipment. Operates and performs PMCS on assigned communications equipment and vehicles. Installs, operates, and performs PMCS on power generators.

(2) *MOSC 31S20*. Provides technical assistance to subordinates engaged in the operation and maintenance of satellite communication systems. Identifies and reports electronic jamming and deception, and applies appropriate electronic countermeasures. Performs complex and multifaceted tasks associated with stressed and unstressed network operations. Supervises and performs alignment, control functions, and direct support maintenance on assigned communications equipment. Ensures backup equipment, spares, and repair parts

are available to sustain system operations. Compiles system and network statistics for reports.

(3) *MOSC 31S30*. Plans, supervises, and integrates the installation, operation, and maintenance of strategic and tactical satellite communications assemblages and systems. Establishes workload, work schedules, and maintenance priorities. Performs and supervises quality control inspections. Requests logistic support. Trains subordinate personnel in the operation and maintenance of satellite and associated equipment. Consolidates system and network statistics and reports, and submits them to network control/management headquarters. Executes telecommunications service orders (TSO). Performs coordination with Army, Joint, and commercial activities to accomplish satellite and distributed communications at all levels of command.

(4) *MOSC 31S40*. Supervises, plans, and directs the installation, operation, and maintenance of satellite communication systems and networks, including strategic, tactical and commercial interfaces and gateways. Provides technical advice to commanders and assistance to subordinates. Develops and ensures compliance with policy and procedures for all types of satellite operational environments. Determines capabilities and limitations of assigned equipment. Writes telecommunications service requests (TSR) for Army, Joint, Defense, or commercial activities requirements. Disseminates TSO to subordinate shifts, assemblages, or stations. Conducts technical evaluations of equipment and facilities. Establishes and maintains liaison with supported and supporting activities or units. Organizes, instructs, and counsels subordinate personnel. Manages security programs for satellite operations.

*b. Physical demands rating and qualifications for initial award of MOS.* Satellite communication systems operator-maintainer must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 212221.
- (3) Normal color vision.
- (4) Minimum score of 120 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) Credit for successful completion of one year of high school algebra and science.
- (7) High school graduate or equivalent.
- (8) A U.S. citizen.
- (9) Formal training (completion of MOS 31S Course conducted under the auspices of the USA Signal School) mandatory or waiver may be granted by Commandant, U.S. Army Signal School, ATTN: ATZH-POE, Ft Gordon, GA 30905-5300.

*c. Additional skill identifiers.*

- (1) J7—WHCA Console Control Operations.
- (2) P5—Master Fitness Trainer.
- (3) 1C—Satellite Systems/Network Coordinator.
- (4) 2S—Battle Staff Operations (skill level 3 and above only).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-31S-1*. Physical requirements.
- (2) *Table 10-31S-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-31S-3*. Standards of grade TDA.

### **10-103. 31T—Satellite/Microwave Systems Chief (Sat/Mw Sys Ch), CMF 31**

*a. Major duties.* The Satellite/Microwave Systems Chief plans and supervises the configuration, operation, and maintenance of microwave communications and technical control facilities, satellite operations control systems, large satellite earth terminals, and transportable satellite systems. Provides technical advice to commanders on the integration of telecommunications systems and networks for tactical, strategic, and commercial communications activities. Performs technical staff functions and First Sergeant duties.

*b. Physical demands rating and qualifications for initial award of*

*MOS.* Satellite/Microwave Systems Chief must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) Minimum aptitude area score—N/A.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training (completion of CMF 31 Advanced NCO course conducted under the auspices of the USA Signal School) mandatory or waiver may be granted by Commandant, USASC&FG, Ft Gordon, GA 30905.

*c. Additional skill identifiers.*

- (1) J7—WHCA Console Control Operations.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-31T-1*. Physical requirements.
- (2) *Table 10-31T-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-31T-3*. Standards of grade TDA.

### **10-104. 31U—Signal Support Systems Specialist (Sig Spt Sys Spc) CMF 31**

*a. Major duties.* The Signal Support Systems Specialist supervises, installs, employs, maintains, troubleshoots, and assists users with battlefield Signal support systems and terminal devices; integrates Signal systems and networks; performs unit level maintenance on authorized Signal equipment and associated electronic devices; trains and provides technical assistance to users of Signal equipment; and operates and performs prevent maintenance checks and service (PMCS) on assigned vehicles and power generators. Duties for MOS 31U at each level of skill are:

(1) *MOSC 31U10*. Installs, maintains, and troubleshoots Signal support equipment and terminal devices. Installs, operates, and maintains designated radio and data distribution systems. Maintains selected electronic devices. Performs Signal support functions, to include providing technical assistance and training for user owned and operated automation and communications equipment. Prepares maintenance and supply requests for unit level Signal support. Operates and performs PMCS on assigned vehicles. Install, operates, and performs PMCS on power generators.

(2) *MOSC 31U20*. Supervises, installs, maintains, and troubleshoots Signal support systems and terminal devices, to include radio, wire, and battlefield automated systems. Provides technical assistance and unit level training for automation, communication, and user owned and operated Signal equipment. Disseminates information services policy. Prepares maintenance and supply requests for unit level Signal support. Operates and performs PMCS on assigned vehicles. Operates and performs PMCS on assigned power generators.

(3) *MOSC 31U30*. Plans, supervises, and integrates the installation, operation, and maintenance of Signal support systems, to include radio, wire and battlefield automated systems. Plans and provide unit level training for automation and communications systems and Signal support equipment. Assist in staff supervision of information services. Plans, supervises and executes unit level maintenance programs for Signal equipment. Prepares and integrates Signal operations orders and reports. Requests maintenance and supply replenishment for Signal support operations.

(4) *MOSC 31U40*. Supervises, plans, and executes the installation, operation, and maintenance of Signal support systems and network integration using radio, wire, and battlefield automated systems (BAS). Develops and implements unit level Signal maintenance programs. Directs unit Signal training and provides technical advice and assistance to commanders. Develops and executes information services policies and procedures for supported organizations. Coordinates external Signal support mission requirements. Prepares and implements Signal operations orders and reports. Plans and

requests Signal logistics support for unit level operations and maintenance.

(5) *MOSC 31U50*. Supervises, plans, and integrates the installation, employment, and maintenance of Signal support systems, to include radio, wire, and battlefield automated systems. Develops Staff information services policy and procedures. Establishes unit Signal maintenance programs, policies, and procedures. Plans and conducts Division, Brigade, and Battalion Signal support operations and user owned and operated Signal equipment training. Provides technical advice and assistance to commanders and subordinate units. Coordinates Signal activities with higher, lower, and adjacent headquarters. Performs Signal staff functions, and develops Signal policies and battlefield integration plans in support of Division, Brigade, and Battalion Signal operations.

*b. Physical demands rating and qualifications for initial award of MOS.* Signal support systems specialists must possess the following qualifications:

- (1) A physical demand rating of moderately heavy.
- (2) Physical profile of 111221.
- (3) Minimum score of 95 in aptitude areas EL and SC.
- (4) Normal color vision.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training (completion of MOS 31U course conducted under the auspices of the USASIGC) mandatory or waiver granted by Commandant, USASIGC.

*c. Additional skill identifiers.*

- (1) J7—WHCA Console Control Operations.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-31U-1.* Physical requirements.
- (2) *Table 10-31U-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-31U-3.* Standards of grade TDA.

### **10-105. 31W—Telecommunications Operations Chief (Telecom Opns Chief), CMF 31**

*a. Major duties.* The telecommunications operations chief plans, coordinates, configures, directs, integrates, and supervises the installation, operation, maintenance, and management of tele-communications systems and networks, and oversees information systems support functions for command, control, communications, and computers (C4) used at all echelons of the Army. The Telecommunications Operations Chief serves in Signal and other special communications activities. Major duties for MOS 31W at each level of skill are:

(1) *MOSC 31W40.* Plans, coordinates, and supervises installation, operation, maintenance, and management of telecommunications systems and networks, including radio, switching, cable, and automation equipment. Supervises the installation, operation, strapping, re-strapping, preventive maintenance checks and services (PMCS) and unit level maintenance on COMSEC devices. Directs restoration and alternate routing of circuits, trunks, links, and systems. Develops and implements unit level signal maintenance programs. Provides advice and technical assistance to subordinates and commanders. Develops frequency operational requirements, telecommunications service requests, and disseminates operations information to ensure C2 communications connectivity. Requests and ensures appropriate logistical support is available at all times. Assimilates and reports system/network statistics. Develops and implements training programs for Signal personnel. Uses computers to process operational and administrative information. Operates system control facilities as part of Signal organization management functions.

(2) *MOSC 31W50.* Plans, directs, supervises and manages the installation, operation, and maintenance of Information Mission Area (IMA) Signal support functions within an integrated Army,

Joint, or Defense telecommunications network, to include coordinating the resolution of communication difficulties within Army operated Signal systems and networks, and between Army, Joint, Defense and commercial telecommunications activities. Develops and enforces unit level Signal maintenance programs, policies, and procedures. Plans and coordinates logistic support for C4I network operations. Provides advice and technical assistance to commanders and subordinate units/elements. Performs Signal staff functions and coordinates Signal activities with higher, lower and adjacent headquarters. Prepares and maintains reports, records, and operational databases used to conduct Signal support functions in both tactical and strategic environments.

*b. Physical demands rating and qualifications for initial award of MOS.* Telecommunications operations chief must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) Minimum aptitude area score—N/A.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training (completion of CMF 31 Advanced NCO Course conducted under the auspices of the USA Signal School) mandatory or waiver may be granted by Commandant, U.S. Army Signal School, ATTN: ATZH-POE, Ft Gordon, GA 30905-5300.

*c. Additional skill identifiers.*

- (1) D9—Battlefield Spectrum Management.
- (2) J7—WHCA Console Control Operations.
- (3) P5—Master Fitness Trainer.
- (4) 2S—Battle Staff Operations (skill level 3 and above only).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-31W-1.* Physical requirements.
- (2) *Table 10-31W-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-31W-3.* Standards of grade TDA.

### **10-106. 31Z—Senior Signal Sergeant (Sr Sig Sgt), CMF 31**

*a. Major duties.* The senior signal sergeant plans, develops, coordinates, directs, and supervises the installation, operation and management of integrated C2 telecommunications and information management networks. Writes Command and Control Communications policy. Provides technical advice and assistance to commanders, staff, and subordinate units. Coordinates Signal activities with higher, lower and adjacent headquarters. Performs Signal staff and Senior Operations NCO functions, to include writing C4I policy, procedures, operations plans, orders, and reports. Uses computers to control and monitor network status in an operational environment. Directs and assists Battlefield Spectrum Managers in the development of frequency allocation plans. Develops battlefield Signal operations plans in support of organizations at battalion and higher levels, and for Joint and Combined Commands and activities.

*b. Physical demands rating and qualifications for initial award of MOS.* Senior signal sergeant must possess the following qualifications:

- (1) Physical demands rating—N/A.
  - (2) A physical profile of 222221.
  - (3) Normal color vision.
  - (4) Minimum aptitude area score—N/A.
  - (5) A security clearance of SECRET.
  - (6) A U.S. citizen.
  - (7) Formal training (completion of CMF 31 Advanced NCO Course conducted under the auspices of the USA Signal School) mandatory or waiver may be granted by Commandant, U.S. Army Signal School, ATTN: ATZH-POE, Fort Gordon, GA 30905—5300.
- c. Additional skill identifiers.*
- (1) D9—Battlefield Spectrum Management.
  - (2) J7—WHCA Console Control Operations.
  - (3) P5—Master Fitness Trainer.
  - (4) 2S—Battle Staff Operations (skill level 3 and above only).

- (5) 4A—Reclassification Training.  
*d. Physical requirements and standards of grade.*

- (1) *Table 10-31Z-1.* Physical requirements.  
(2) *Table 10-31Z-2.* Standards of grade TOE/MTOE.  
(3) *Table 10-31Z-3.* Standards of grade TDA.

**10-107. 33R—Electronic Warfare/Intercept Aviation Systems Repairer (EW/I Avn Sys Rep), CMF 33**  
*(Rescinded.)*

**10-108. 33T—Electronic Warfare/Intercept Tactical Systems Repairer (EW/I Tac Sys Rep), CMF 33**  
*(Rescinded.)*

**10-108.1. 33W—Electronic Warfare/Intercept (EW/I) Systems Repairer (EW/I Sys Rpr), CMF 33**

*a. Major duties.* The EW/I Systems Repairer supervises or provides unit, direct or general (DS/GS), and depot level maintenance support on EW/I systems and assemblies. Duties for MOS 33W at each skill level are:

(1) *MOSC 33W10.* Maintains, tests, and repairs electrical and mechanical equipment associated with EW/I systems using specialized measurement and diagnostic equipment. Operates and maintains power generators, vehicles, and mobile maintenance shelters. Prepares maintenance forms and records.

(2) *MOSC 33W20.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Diagnoses unusual and complex malfunctions in EW/I systems. Performs harmonic distortion and wow and flutter tests on narrow band recorders. Assists in conducting formal and informal SOJT programs.

(3) *MOSC 33W30.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Serves as the quality assurance inspector for EW/I systems. Conducts and monitors formal and informal SOJT programs. Prepares technical annexes for unit Standard Operating Procedures (SOP). Diagnoses unusual and complex malfunctions, and analyzes recurring faults and recommends modifications. Performs critical alignment and calibration procedures on EW/I systems. Maintains the technical library and equipment repair and maintenance schedules. Recommends changes to the Prescribed Load List (PLL).

(4) *MOSC 33W40.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises maintenance teams or shops at maintenance activities or army depots. Supervises unit Test, Measurement and Diagnostic Equipment (TMDE) calibration program. Coordinates with operations sections for maintenance and repair of EW/I equipment. Monitors installation projects for EW/I systems. Establishes and monitors unit preventive maintenance program for EW/I systems. Prepares periodic input to the EW/I systems status reports. Maintains applicable administrative and maintenance files in accordance with Army regulations. Inspects the Army Maintenance Management System (TAMMS) and repair parts records. Recommends changes to the PLL. Reviews and validates repair part requests. Verifies condition codes assigned to equipment during technical inspections.

(5) Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Serves as the principal maintenance NCO in a maintenance activity or an Army level depot. Responsible for all aspects of operations to include production, quality control, quality assurance, and repair parts supply operations. Analyzes maintenance requirements and establishes commitments. Develops plans to use resources and determines priorities and overall training requirements. When assigned to staff positions; prepares technical studies, special reports, correspondence, and records pertaining to maintenance operations.

*b. Physical demands rating and qualifications for initial award of MOS.* EW/I systems repairer must possess the following qualifications:

- (1) A physical demands rating of medium.  
(2) A physical profile of 222221.  
(3) Normal color vision.

- (4) A minimum score of 115 in aptitude area ST.

(5) The soldier must meet TOP SECRET security clearance and Sensitive Compartmented Information (SCI) access eligibility requirements.

- (6) A high school graduate or equivalent.

(7) Completed a high school algebra course or equivalent.

(8) Formal training (completion of MOS 33W course conducted under the auspices of the U.S. Army Intelligence Center) mandatory.

- (9) The soldier must be a U.S. citizen.

(a) Members of immediate family (spouse, parents, brothers, sisters, and children) must also be U.S. citizens. Soldier and immediate family members can be naturalized citizens. If naturalized, there is no minimum residency requirement.

(b) Soldier and spouse must not have immediate family members who reside in a country within whose boundaries physical or mental coercion is known to be common practice, either against-

1. Persons accused of acting in the interest of the United States or

2. The relatives of such persons to whom they may reasonably be considered to be bound by ties of affection, kinship, or obligation. Near relatives will also include uncles, aunts, grandparents, father-in-law, mother-in-law, and relationships corresponding to any of the above persons in loco parentis (AR 630-5 and 37 USC 501).

(10) Have neither commercial nor vested interest in a country within whose boundaries physical or mental coercion is known to be a common practice against persons acting in the interest of the United States. This requirement applies to the soldier's spouse as well.

(11) Meet career management and development criteria contained in AR 600-200, AR 614-200, and DA Pam 351-4.

- (12) No record of court-martial.

(13) No record of conviction by a civil court for any offense other than minor traffic violations.

(14) No information in military personnel, Provost Marshal, intelligence, or medical records which will prevent the granting of security clearance under AR 604-5.

(15) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200, chapter 1.

(16) Be advised that due to the nature of training and assignments, temporary restrictions may be placed on foreign travel both during and after the term of service.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.

(2) U2—Unmanned Aerial Vehicle-Short Range (UAV-SR) Repair.

- (3) 1T—IPDS/TRAC/NISTENCAP Operations.

- (4) 2S—Battle Staff Operations (skill level 3 and above).

- (5) 4A—Reclassification Training.

(6) 4T—Tactical Exploration of National Capabilities (TENCAP) Integrator/Maintainer.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-33W-1.* Physical requirements.

- (2) *Table 10-33W-2.* Standards of grade TOE/MTOE.

- (3) *Table 10-33W-3.* Standards of grade TDA.

**10-109. 33Y—Strategic Systems Repair (Strat Sys Rep), CMF 33**  
*(Rescinded.)*

**10-110. 33Z—Electronic Warfare/Intercept Systems Maintenance Supervisor (EW/I Sys Maint Supv), CMF 33**  
*(Rescinded.)*

**10-111. 35B—Land Combat Support System (LCSS) Test Specialist (LCSS Test Spc), CMF 35**

*a. Major duties.* The land combat support system (LCSS) test specialist supervises, operates, and performs unit and direct support

and general support (DS/GS) level maintenance on Land Combat Support Systems. Duties for MOS 35B at each level of skill are:

- (1) *MOSC 35B10*. Operates test station, AN/TSM-93 (LCSS).
- (2) *MOSC 35B20*. Operates and performs unit and DS/GS level maintenance on test station, AN/TSM-93 (LCSS) and shop equipment, AN/TSM-94 (RGS).
- (3) *MOSC 35B30*. Supervises unit and DS/GS level maintenance of LCSS.

*b. Physical demands rating and qualifications for initial award of MOS.* bat support systems test specialist must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 212221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training (completion of MOS 35B course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions Center and School) mandatory; or waiver issued by Commandant, USAOMMCS, Redstone Arsenal, AL 35895-6100); or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 only).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-35B-1*. Physical requirements.
- (2) *Table 10-35B-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-35B-3*. Standards of grade TDA.

### **10-112. 35C—Surveillance Radar Repairer (Surv Rdr Rep), CMF 35**

*a. Major duties.* The surveillance radar repairer performs or supervises direct and general support (DS/GS) level maintenance on ground surveillance radars and associated equipment. MOS 35C personnel also perform DS/GS and depot level maintenance on meteorological equipment. Duties for MOS 35C at each level of skill are:

(1) *MOSC 35C10*. Inspects equipment for faults and completeness. Tests equipment to determine operational condition. Troubleshoots to determine location and extent of equipment faults. Repairs equipment by adjusting, aligning, repairing, or replacing defective components. Tests repaired items to ensure compliance with technical specifications. Prepares appropriate maintenance forms and records. Performs unit level maintenance on tools and test equipment. Performs preventive maintenance checks and services (PMCS) on tools, test equipment, test, measurement and diagnostic equipment (TMDE), vehicles, and power generators.

(2) *MOSC 35C20*. Performs maintenance duties that are more complex and beyond the scope and experience of those performed by the skill level one repairer. Provides technical assistance to both subordinates and supported users. Performs quality control tests on repaired equipment. Requests and maintains authorized bench stock of repair parts, supplies, and technical publications.

(3) *MOSC 35C30*. Assigns specific duties to subordinate personnel. Establishes workload, work schedules, and repair priorities. Performs and supervises quality control inspections. Coordinates logistical support. Establishes and supervises on the job technical instructional programs for subordinate personnel. Provides technical information and assistance to supported units. Advises and makes recommendations concerning equipment repair and status to superiors. Prepares, reviews, and consolidates technical and administrative reports and requests. Evacuates equipment to higher level repair organizations.

*b. Physical demands rating and qualifications for initial award of MOS.* Surveillance radar repairer must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 111221.
- (3) Normal color vision.
- (4) A minimum score of 115 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) Successful completion of one year of high school algebra and general science.
- (7) A U.S. citizen.
- (8) Formal training (completion of MOS 35C Course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or waiver may be granted by Commandant, USAOMMCS, Redstone Arsenal, AL 35897-6090; or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 only).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-35C-1*. Physical requirements.
- (2) *Table 10-35C-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-35C-3*. Standards of grade TDA.

### **10-112.1. 35D—Air Traffic Control Equipment Repairer (ATC Equip Rep), CMF 35**

*a. Major duties.* The ATC Equipment Repairer performs unit through intermediate direct support maintenance and installation of ATC communications, navigation aids (NAVAIDS), and landing systems. Duties of MOS 35D at each skill level are:

(1) *MOSC 35D10*. Performs installation and adjustments of ATC Communications/NAVAIDS systems. Uses troubleshooting techniques to include sectionalization, localization, and isolation to diagnose causes of malfunction or nonfunction to independent equipment and ATC systems. Tests, aligns, and adjusts equipment. Replaces and repairs faulty components and individual parts using repair techniques and trouble analysis charts. Maintains ATC Communications systems. Checks and makes adjustments on avionic equipment associated with ATC systems. Maintains equipment maintenance records, authorized spare parts, supply stock, tool lists, and technical literature. Maintains technical manuals, and instructional material for repair of ATC Communication/Navigation systems and equipment.

(2) *MOSC 35D20*. Provides technical guidance to subordinate personnel. Installs and troubleshoots ATC equipment, landing systems and identification friend or foe/selective identification feature (IFF/SIF) systems. Performs comparison checks on repaired equipment in accordance with test standards. Performs modification work orders, repairs and replaces faulty components.

(3) *MOSC 35D30*. Performs unit through intermediate forward maintenance of ATC systems and equipment. Instructs in maintenance practices, procedures, and techniques. Assists in diagnosis of complex malfunctions and component modification. Establishes production and quality control procedures. Inspects work and maintenance equipment. Serves as principal maintenance NCO in an ATC platoon or section.

(4) *MOSC 35D40*. Supervises systems maintenance and installation activity. Conducts unit training and maintenance certification programs. Coordinates unit maintenance, calibration and installation activities. Diagnoses and determines cause of unusual equipment malfunctions. Reads, interprets, and explains specifications, circuits, schematics, and wiring diagrams. Instructs in the demonstration/utilization of special test equipment, tools, standards, correct maintenance, and installation procedures. Prepares technical reports on ATC Systems.

(5) *MOSC 35D50*. Supervises and evaluates maintenance and installation of ATC systems. Supervises maintenance certification program. Advises maintenance officer/commander of maintenance activities. Develops policies/procedures for ATC facilities/unit maintenance activities. Determines effectiveness of ATC unit maintenance performance.

*b. Physical demands rating and qualifications for initial award of MOS.* The ATC equipment repairer must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 211221.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area EL.
- (5) Formal training (completion of Air Traffic Control Equipment Repairer Course conducted under the auspices of USAOMMCS or waiver issued by Cdr, USAOMMCS mandatory; or meet the civilian acquired skills criteria listed in AR 601-210.

(6) Alcohol and drug abuse as defined below will disqualify any servicemember or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army alcohol or drug abuse rehabilitation program or a civilian equivalent, except as specified below.

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, third edition, 1987 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, U.S. Army Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance, or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" use is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, nonjudicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented by information obtained from DD Form 1966 (Record of Military Processing - Armed Forces of the United States), SF 88 (Report of Medical Examination) or SF 93 (Medical Record - Report of Medical History). (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.
- (5) 7C—Radio Transmitting Set AN/FRN-41 Repair.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-35D-1.* Physical requirements.
- (2) *Table 10-35D-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-35D-3.* Standards of grade TDA.

**10-113. 35E—Radio and Communications Security (COMSEC) Repairer (Radio/COMSEC Rep), CMF 35**

*a. Major duties.* The radio and communications security (COMSEC) repairer performs or supervises direct and general support

(DS/GS) level maintenance of radio receivers, transmitters, COMSEC equipment, controlled cryptographic items (CCI), and other associated equipment. Duties for MOS 35E at each level of skill are:

(1) *MOSC 35E10.* Uses test, measurement, and diagnostic equipment (TMDE) to determine the cause and location of malfunctions, extent of faults, and category of maintenance required. Repairs systems, equipment and subassemblies by adjusting, aligning, repairing, and replacing defective components, cryptographic items, or line replaceable units (LRU). Performs bench equipment tests to verify operability of repaired equipment, and ensures emission security standards are met. Evacuates damaged equipment and components to higher level repair activities. Performs preventive maintenance checks and services (PMCS) on tools, TMDE, vehicles, and power generators.

(2) *MOSC 35E20.* Performs complex and multi-failure tasks and provides technical and procedural assistance to subordinates. Tests equipment to localize and diagnose causes of malfunctions. Exchanges faulty equipment. Performs difficult or complex repairs of defective components, subassemblies, and related cabling. Ensures that National Security Agency (NSA) approved components are used in COMSEC/CCI repairs. Provides shop supervisor with equipment repair status, priorities, and necessity for bench stock resupply. Performs final or quality control inspection of repaired equipment. Controls and accounts for CCI within the repair facility.

(3) *MOSC 35E30.* Establishes work schedules and repair priorities; assigns and supervises shop repair operations and personnel. Provides technical information on repair functions and teaches complex or special tasks to subordinates and supported units. Supervises quality control and/or final inspection of radio, cryptographic items and related communications equipment. Ensures repair functions comply with Army and NSA COMSEC specifications and policies. Develops standing operating procedures relative to DS/GS shop operations. Conducts technical and on-the-job training programs in units.

*b. Physical demands rating and qualifications for initial award of MOS.* Radio and COMSEC repairer must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 111221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) Successful completion of one year of high school algebra and general science.
- (7) A U.S. citizen.
- (8) Formal training (completion of MOS 35E Course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or waiver may be granted by Commandant, USAOMMCS, Redstone Arsenal, AL 35897-6090.

(9) Must be certified as COMSEC equipment repairer contained in AR 25-12.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) Y2—Transition Training (personnel only).
- (3) Y5—TEMPEST Inspection.
- (4) 2S—Battle Staff Operations (skill level 3 only).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-35E-1.* Physical requirements.
- (2) *Table 10-35E-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-35E-3.* Standards of grade TDA.

**10-114. 35F—Special Electronic Devices Repairer (Special Electronic Devices Rep), CMF 35**

*a. Major duties.* The special electronic devices repairer performs or supervises direct and general support (DS/GS) level maintenance and repair on special electronic devices, including: night vision equipment, mine detectors, scattering systems, electronic distance

and azimuth orienting devices, battlefield illumination devices, electronic azimuth determining devices, and nuclear, biological, and chemical (NBC) warning and measuring devices. Duties for MOS 35F at each level of skill are:

(1) *MOSC 35F10*. Inspects equipment for faults and completeness. Tests equipment to determine operational condition. Troubleshoots to determine location and extent of equipment faults. Repairs equipment by adjusting, aligning, repairing, or replacing defective components. Tests repaired items to ensure compliance with technical specifications. Prepares appropriate maintenance forms and records. Performs preventive maintenance checks and services (PMCS) on tools, test, measurement, and diagnostic equipment (TMDE), vehicles, and power generators.

(2) *MOSC 35F20*. Performs maintenance duties that are more complex and beyond the scope and experience of those encountered by the skill level one repairer. Provides technical assistance to both subordinates and supported users. Performs quality control tests on repaired equipment. Requests and maintains authorized bench stock, repair parts, supplies, and technical publications.

(3) *MOSC 35F30*. Assigns specific duties to subordinate personnel. Establishes workload, work schedules, and repair priorities. Performs and supervises quality control inspections. Coordinates logistical support. Establishes and implements on the job technical instruction programs for subordinate personnel. Provides technical information and assistance to supported units. Advises and makes recommendations concerning equipment repair and status to superiors. Prepares, reviews, and consolidates technical and administrative reports and requests. Maintains files and records. Prepares or updates SOP, site defense, and evacuation plans.

*b. Physical demands rating and qualifications for initial award of MOS.* Special electronic devices repairer must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 111221.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) Successful completion of 1 year of high school algebra and general science.
- (7) A U.S. citizen.

(8) Formal training (completion of MOS 35F Course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or waiver may be granted by Commandant, USAOMMCS, Redstone Arsenal, AL 35897-6090; or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 only).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-35F-1*. Physical requirements.
- (2) *Table 10-35F-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-35F-3*. Standards of grade TDA.

### **10-115. 35H—Test, Measurement, and Diagnostic Equipment (TMDE) Maintenance Support Specialist (TMDE Maint Spt Sp), CMF 35**

*a. Major duties.* The TMDE maintenance support specialist performs and supervises duties involving the calibration and repair of general purpose TMDE, selected special purpose TMDE, calibration standards and accessories. Operates TMDE and calibration standards. Operates and performs preventive maintenance and checks and services (PMCS) on assigned vehicles. Installs, operates and performs PMCS on power generators. Duties for MOS 35H at each level of skill are:

(1) *MOSC 35H10*. Operates and performs calibration and minor repair of general purpose TMDE and unit and direct support and general purpose (DS/GS) level maintenance on calibration standards

and calibration accessories; operates and performs PMCS on vehicles and power generators.

(2) *MOSC 35H20*. Operates and performs calibration and minor repair of selected special purpose TMDE, team and laboratory calibration standards and calibrations accessories; performs calibration, maintenance and repair of Radiation Detecting, Indicating, and Computing (RADIAC) equipment.

(3) *MOSC 35H30*. Performs calibration and repair of limited deployed calibration standards. Serves as senior technician on Area TMDE Support Teams (ATST) or in other TMDE support elements. Performs as Radiological Protection Officer (RPO) in facilities having a RADIAC/nucleonics TMDE support mission. Supervises and provides technical guidance to subordinates.

(4) *MOSC 35H40*. Performs team related administrative functions, provides supervision, quality assurance, technical guidance, training of subordinates, and coordinates the activities of TMDE support elements.

*b. Physical demands rating and qualifications for initial award of MOS.* TMDE maintenance support specialist must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 212221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area EL.
- (5) Credit for successful completion of one year of high school algebra and general science.

(6) Formal training (completion of MOS 35H course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or waiver may be granted by Commandant, USAOMMCS, Redstone Arsenal, AL 35897-6090; or meet the civilian acquired skills criteria contained in AR601-210.

*c. Additional skill identifiers.*

- (1) D7—Secondary Reference Laboratory Maintenance.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-35H-1*. Physical requirements.
- (2) *Table 10-35H-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-35H-3*. Standards of grade TDA.

### **10-116. 35J—Telecommunication Terminal Device Repairer (Telecom Tml Dvc Rep), CMF 35**

*a. Major duties.* The telecommunications terminal device repairer performs or supervises direct and general support (DS/GS) level maintenance of microcomputers and electro-mechanical telecommunications terminal equipment, facsimile machines, Field Artillery (FA) digital devices, and other associated equipment and devices. Duties for MOS 35J at each skill level are:

(1) *MOSC 35J10*. Troubleshoots microcomputers electro-mechanical telecommunications terminal equipment, facsimile machines, FA digital devices, and associated equipment using built-in test equipment (BITE), Test, Measurement, and Diagnostic Equipment (TMDE), schematics, and signal flowcharts in technical publications to determine the cause and location of faults, and repairs required. Repairs assemblies, subassemblies and components by disassembling, adjusting, aligning, repairing or replacing faulty shop replaceable units (SRU), cables, wiring, and associated hardware. Tests repaired equipment to ensure operability and compliance with technical specifications. Maintains selected commercial-off-the-shelf (COTS) computers.

(2) *MOSC 35J20*. Prepares and processes maintenance supply requests and work orders. Performs initial and final inspection of repaired equipment. Provides technical assistance to subordinates and performs complex maintenance tasks. Interprets circuit diagrams, schematics, software diagnostics and other technical literature pertaining to repair functions. Requests replenishment of bench stock.

(3) *MOSC 35J30*. Establishes workload, work schedules, and

repair priorities. Provides technical assistance and teaches subordinate technical skills. Assigns specific duties to supporting forward deployed maintenance teams. Coordinates logistical support and advises superiors on maintenance status of in-shop equipment. Prepares maintenance reports and writes MOS technical portion of maintenance shop operating procedures. Coordinates and prepares paperwork, as necessary, to procure repair parts for microcomputers from commercial vendors.

*b. Physical demands rating and qualifications for initial award of MOS.* Telecommunications terminal device repairer must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 111221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) High school graduate or equivalent.
- (7) Successful completion of one year of high school algebra and general science.
- (8) A U.S. citizen.
- (9) Formal training (completion of MOS 35J Course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or waiver may be granted by Commandant, USAOMMCS, Redstone Arsenal, AL 35897-6090.

*c. Additional skill identifiers.*

- (1) A7—Tactical Fire Direction (TACFIRE) Systems Maintenance.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above only).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-35J-1.* Physical requirements.
- (2) *Table 10-35J-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-35J-3.* Standards of grade TDA.

### **10-116.1. 35L—Avionic Communications Equipment Repairer (Avionic Comm Eq Rep), CMF 35**

*a. Major duties.* The avionic communications equipment repairer performs intermediate and depot maintenance on aircraft communications equipment. Duties for MOS 68L at each level of skill are:

(1) *MOSC 35L10.* Troubleshoots faulty communications equipment to diagnose and isolate the causes of equipment malfunction or nonfunction with common or specialized hand tools and test equipment. Replaces faulty components and individual parts. Tests, aligns, and adjusts repaired communications equipment. Alters or modifies communication equipment according to modification work orders. Performs operator maintenance on tools and test equipment. Requisitions and maintains shop and bench stock for repair of aircraft communications equipment. Prepares forms and records related to aircraft and communications equipment maintenance.

(2) *MOSC 35L20.* Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Schedules maintenance on test, measurement, and diagnostic equipment. Troubleshoots and repairs faulty circuit boards.

(3) *MOSC 35L30.* Supervises and provides technical guidance to subordinate personnel performing maintenance of aircraft communications equipment. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs, maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to aircraft communications equipment repair operations. Instructs personnel and conducts technical training in aircraft communications equipment maintenance, supply, and safety techniques. Evaluates the technical training program. Monitors requisition of parts, tools, and supplies. Develops new electronic equipment while assigned to research and development projects.

*b. Physical demands rating and qualifications for initial award of*

*MOS.* Avionic communications equipment repairers must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area EL.
- (5) Formal training (completion of appropriate nonresident instruction conducted under the auspices of USAAVNC or waiver issued by Commander, USAAVNC) mandatory or meet the civilian acquired skills criteria in accordance with AR 601-210.
- (6) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-35L-1.* Physical requirements.
- (2) *Table 10-35L-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-35L-3.* Standards of grade TDA.

### **10-117. 35M—Radar Repairer (Radar Rep), CMF 35**

*a. Major duties.* The Radar repairer performs or supervises unit, direct and general support (DS/GS) level maintenance on Ground Based Sensor (GBS) and FIREFINDER radar electronic assemblies and associated equipment. Duties for MOS 35M at each level of skill are:

(1) *MOSC 35M10.* Troubleshoots the Ground Based Sensor (GBS) and FIREFINDER Radar assemblies, subassemblies, modular and circuit elements with common and system-peculiar test equipment for deficiencies and malfunctions. Repairs, removes, and/or replaces defective components and parts of these systems. Inspects,

tests, and adjusts system components and test equipment to specific tolerances. Determines serviceability and disposition of GBS and FIREFINDER Radar system assemblies, subassemblies, and parts. Performs initial, in-process, on-site technical, and quality control inspections. Prepares and maintains equipment logs, equipment modification and utilization records, exchange tags, and calibration data cards.

(2) *MOSC 35M20*. Performs duties shown in preceding skill level and provides technical guidance to lower grade personnel. Provides technical assistance to supported units. Installs equipment modifications. Completes maintenance and supply forms. Performs initial and final checkout and inspection of designated system items, assemblies, and subassemblies. Calibrates radar, organizational maintenance, and antenna alignment test sets.

(3) *MOSC 35M30*. Establishes workload and repair priorities. Recommends procedures for receipt, storage, inspection, testing, and repair of GBS and FIREFINDER Radar system items. Determines faulty work practices and demonstrates proper maintenance and troubleshooting techniques. Organizes and conducts OJT programs. Implements quality control measures. Supervises inspection and maintenance team. Establishes and maintains maintenance records. Prepares maintenance reports.

*b. Physical demands rating and qualifications for initial award of MOS.* Radar repairer must possess the following additional qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) High school graduate or equivalent.
- (7) A U.S. citizen.
- (8) Formal training (completion of MOS 35M Course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or waiver may be granted by Commandant, USAOMMCS, Redstone Arsenal, AL 35897-6090.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 only).
- (3) 4A—Reclassification Training.
- (4) 8A—Identification Friend or Foe (IFF) Repairer.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-35M-1*. Physical requirements.
- (2) *Table 10-35M-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-35M-3*. Standards of grade TDA.

### **10-118. 35N—Wire Systems Equipment Repairer (Wire Sys Equip Rep), CMF 35**

*a. Major duties.* The wire systems equipment repairer performs or supervises direct and general support (DS/GS) level maintenance on manual and semiautomatic unit level switchboards, telephones, and associated wire instruments and equipment. Duties for MOS 35N at each level of skill are:

(1) *MOSC 35N10*. Uses Test, Measurement, and Diagnostic Equipment (TMDE) to test and isolate faulty assemblies and components for wire equipment and unit level switchboards. Identifies faults, replaces parts, rewires equipment, interconnects components, and adjusts all types of manual and semiautomatic telephone switchboard equipment. Uses circuit and wiring diagrams and schematics. Tests repaired equipment.

(2) *MOSC 35N20*. Performs complex maintenance tasks on malfunctioning equipment. Assists personnel engaged in installation and repair of wire equipment. Prepares and maintains technical and administrative shop records and bench stock. Interprets circuit diagrams and schematics and computes voltage, amperage, and resistance factors using algebraic formulae. Conducts technical or quality control inspections of repaired equipment.

(3) *MOSC 35N30*. Establishes work load, work schedules, repair

priorities, and assigns specific duties to subordinate personnel. Provides technical information and instruction to subordinates and supported organizations. Supervises quality control inspections of manual and semiautomatic switchboards, telephones, and associated equipment. Advises and makes recommendations to superiors regarding maintenance status of in-shop equipment. Writes maintenance procedures required to support technical area of expertise.

*b. Physical demands rating and qualifications for initial award of MOS.* Wire systems equipment repairer must possess the following additional qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111221.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) Successful completion of one year of high school algebra and general science.
- (7) A U.S. citizen.
- (8) Formal training (completion of MOS 35N Course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or waiver may be granted by Commandant, USAOMMCS, Redstone Arsenal, AL 35897-6090.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 only).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-35N-1*. Physical requirements.
- (2) *Table 10-35N-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-35N-3*. Standards of grade TDA.

### **10-118.1. 35Q—Avionic Flight Systems Repairer (Avionic Flt Sys Rep), CMF 35**

*a. Major duties.* The avionic flight systems repairer performs intermediate maintenance on avionic navigation flight control and stabilization equipment. Duties for MOS 35Q at each level of skill are:

(1) *MOSC 35Q10*. Performs intermediate and depot maintenance on avionic navigation, flight control and stabilization systems that include the following: (a) Marker beacons; (b) Radio direction finders; (c) VOR and glideslope receivers; (d) Automatic flight controls; (e) Stability augmentation systems; (f) Automatic stabilization systems; (g) Aircraft magnetic compasses; and (h) altitude/heading navigation systems. Localizes and diagnoses causes of equipment malfunction or nonfunction with common and specialized hand tools or test equipment. Replaces faulty components and individual parts as required. Traces circuitry, tests, aligns, and adjusts repaired equipment for proper functioning. Alters or modifies material according to modification work orders using prescribed procedures. Prepares forms and records related to aircraft and avionic equipment maintenance.

(2) *MOSC 35Q20*. Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Performs unit level maintenance on special test equipment used in the repairing of flight systems and repairs faulty printed circuit boards. Schedules maintenance and calibration on tools and test equipment.

(3) *MOSC 35Q30*. Supervises and provides technical guidance to subordinate personnel performing maintenance of avionic flight systems equipment. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to avionic flight systems equipment repair operations. Instructs personnel and conducts technical training in avionic flight systems maintenance, supply, and safety techniques. Evaluates the technical training program. Monitors requisition of parts, tools, and supplies.

*b. Physical demands rating and qualifications for initial award of*

MOS. Avionic flight system repairers must possess the following qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area EL.
- (5) Formal training (completion of appropriate nonresident instruction conducted under the auspices of USAOMMCS or waiver issued by Cdr, USAOMMCS) mandatory or meet the civilian acquired skills criteria listed in AR 601-210.

(6) *Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army alcohol or drug abuse rehabilitation program or a civilian equivalent, except as specified below.*

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, third edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, U.S. Army Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance, or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, nonjudicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use of casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) W5—OH-58D Qualification.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-35Q-1.* Physical requirements.
- (2) *Table 10-35Q-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-35Q-3.* Standards of grade TDA.

## **10-118.2. 35R—Avionic Radar Repairer (Avionic Radar Rep), CMF 35**

*a. Major duties.* The avionic radar repairer performs intermediate (AVIM) and depot maintenance on avionic equipment which operates using radar principles. Duties for MOS 35R at each level of skill are:

(1) *MOSC 35R10.* Performs organizational maintenance on test, diagnostic and measurement equipment used to diagnose problems in avionic radar and assists in intermediate maintenance of avionic

airborne radarequipment which include the following: (a) Terrain following avoidance radar; (b) Doppler navigation radar; (c) Weather radar; (d) Station Keeping radar; (e) Radar altimeters; (f) Identification friend or foe (IFF) transponders; and (g) TACAN. Localizes and diagnoses causes of equipment malfunction or non-function by utilizing common and specialized hand tools and test equipment. Traces circuitry, tests, aligns and adjusts repaired equipment for proper functioning. Replaces faulty component and individual parts down to printed circuit boards. Alters or modifies material in accordance with modification work orders and prescribed procedures. Performs user maintenance on tools and test equipment.

(2) *MOSC 35R20.* Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Schedules and performs user maintenance on tools and special test equipment. Troubleshoots and repairs faulty circuit boards.

(3) *MOSC 35R30.* Supervises and provides technical guidance to subordinate personnel performing maintenance of avionic radar equipment. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to avionic radar equipment repair operations. Instructs personnel and conducts technical training in avionic radar equipment maintenance, supply and safety techniques. Evaluates the technical training program. Monitors requisition of parts, tools and supplies. Develops new electronic equipment while assigned to research and development projects. Maintains equipment records.

*b. Physical demands rating and qualifications for initial award of MOS.* Avionic radar repairers must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area EL.
- (5) A security clearance of SECRET.

(6) Formal training (completion of appropriate nonresident instruction conducted under the auspices of USAOMMCS or waiver issued by Commander, USAOMMCS) mandatory; or meet the civilian acquired skills criteria listed in AR 601-210.

(7) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army alcohol or drug abuse rehabilitation program or a civilian equivalent, except as specified below.

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, third edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, U.S. Army Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance, or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, nonjudicial punishment under Article

15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use of casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

c. *Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) R5—Inertial Navigation Set Maintenance.
- (3) W5—OH-58D Qualification.
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-35R-1.* Physical requirements.
- (2) *Table 10-35R-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-35R-3.* Standards of grade TDA.

### 10–119. 35W—Electronic Maintenance Chief (Elect Maint Chief), CMF 35

a. *Major duties.* The electronics maintenance chief supervises, monitors, and directs the electronics maintenance mission of the U.S. Army, and oversees and performs direct and general support (DS/GS) level maintenance of all Army standard electronics equipment, systems, and associated devices, to include communications security (COMSEC) and controlled cryptographic items (CCI) devices. Duties for MOS 35W at each level of skill are:

(1) *MOSC 35W40.* Develops and implements unit level electronic maintenance programs. Develops and enforces policy and procedures for facility management. Organizes work schedules and instructs subordinate personnel in the technical maintenance of field communications and electronics equipment and systems, and associated devices. Ensures repair of COMSEC devices complies with published security requirements. Provides advice and technical assistance to commanders. Requests logistic support; assimilates and prepares reports and maintenance statistics.

(2) *MOSC 35W50.* Interprets Army maintenance policy and writes technical and operational procedures used in command electronic maintenance operations. Serves as material management staff noncommissioned officer in field and garrison electronic maintenance operations. Inspects assigned electronic maintenance activities for compliance with repair priorities, quality control, and shop practices. Advises commander and staff on all aspects of electronic maintenance operations.

b. *Physical demands rating and qualifications for initial award of MOS.* Electronic maintenance chief must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score in aptitude area—N/A.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training (completion of CMF 35 Advanced NCO Course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or waiver may be granted by Commandant, USAOMMCS, Redstone Arsenal, AL 35897-6090.

c. *Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) Y5—TEMPEST Inspection.
- (3) 2S—Battle Staff Operations (skill level 4 and above).
- (4) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-35W-1.* Physical requirements.
- (2) *Table 10-35W-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-35W-3.* Standards of grade TDA.

### 10–120. 35Y—Integrated Family of Test Equipment (IFTE) Operator and Maintainer (IFTE Opr/Maint), CMF 35

a. *Major duties.* The integrated family of test equipment (IFTE) operator and maintainer operates, performs, and supervises unit, direct support and general support (DS/GS) level maintenance on the Base Shop Test Facility (BSTF), AN/TSM-191. Performs DS/GS level electronic maintenance, adjustments, tests, fault isolation, and repairs of supported system line replaceable units (LRU), shop replaceable units (SRU), and test program sets (TPS). Operates and performs preventive maintenance checks and services (PMCS) on assigned vehicles and power generators. Duties for MOS 35Y at each level of skill are:

(1) *MOSC 35Y10.* Performs march order and emplacement of the BSTF, installs supported weapon system test program sets, initiates unit under test (UUT) procedures, isolates UUT/BSTF printed circuit board or component malfunctions, replaces defective parts/components and performs UUT/BSTF alignments and adjustments. Performs BSTF preventive maintenance checks and services (PMCS) and operational checks. Operates and performs PMCS on assigned vehicles and power generators.

(2) *MOSC 35Y20.* Performs duties shown in preceding skill level. Supervises lower rank soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Installs BSTF equipment modifications, prepares maintenance and supply forms and records, and provides technical assistance for corrective maintenance procedures.

(3) *MOSC 35Y30.* Performs duties shown in preceding skill levels. Establishes workload and repair priorities. Recommends procedures for receipt, storage, inspection, testing and repair of items. Organizes and conducts on the job training (OJT) programs. Demonstrates proper maintenance and troubleshooting techniques. Determines faulty work practices. Prepares maintenance reports.

(4) *MOSC 35Y40.* Supervises and coordinates DS/GS level maintenance of IFTE systems and associated trainers and test equipment. Supervises calibration of system associated electronic equipment. Implements quality control measures. Performs as maintenance quality assurance and quality control (QA/QC) inspector. Performs initial and final type checkouts and inspection of system items. Establishes and maintains maintenance records.

(5) *MOSC 35Y50.* Performs duties shown in preceding levels of skill and provides technical guidance to lower grade personnel in the accomplishment of their duties. Plans, coordinates, and supervises activities pertaining to training and technical operation of unit to which assigned. Interprets and supervises execution of policies and SOP, develops and reviews correspondence relating to support activities. Provides liaison to supported staff and commands. Performs principal noncommissioned officer duties associated with SQI. "M"

b. *Physical demands rating and qualifications for initial award of MOS.* IFTE operator and maintainer must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A qualifying score of 110 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training (completion of MOS 35Y Course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or waiver may be granted by Commandant, USAOMMCS, Redstone Arsenal, AL 35897-6090.

c. *Additional skill identifiers.*

- (1) D7—Secondary Reference Laboratory Maintenance (MSG only).
- (2) P5—Master Fitness Trainer.

- (3) 2S—Battle Staff Operations skill level 3 and above.
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-35Y-1.* Physical requirements.
- (2) *Table 10-35Y-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-35Y-3.* Standards of grade TDA.

#### **10-121. 35Z—Senior Electronic Maintenance Chief (Sr Elect Maint Ch), CMF 35**

*a. Major duties.* The senior electronic maintenance chief plans and directs electronic maintenance operations at all levels of command and echelons of the Army. Performs electronic maintenance staff functions. Provides technical advice to commanders and staff concerning Army electronic maintenance and electronic logistic support matters. Writes directives, policies and procedures which establishes Army electronic maintenance requirements. Serves as senior staff noncommissioned officer (NCO) in electronic maintenance school staff.

*b. Physical demands rating and qualifications for initial award of MOS.* Electronics maintenance chief must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) Minimum aptitude area score—N/A.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Formal training (completion of CMF 35 Advanced NCO Course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or waiver may be granted by Commandant, USAOMMCS, Redstone Arsenal, AL 358976090.

*c. Additional skill identifiers.*

- (1) D7—Secondary Reference Laboratory Maintenance.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 5).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-35Z-1.* Physical requirements.
- (2) *Table 10-35Z-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-35Z-3.* Standards of grade TDA.

#### **10-122. 37F—Psychological Operations Specialist, (PSYOP Specialist), CMF 37**

*a. Major duties.* The psychological operations (PSYOP) specialist supervises, coordinates, and participates in analysis, planning, production, and dissemination of tactical, strategic, and consolidation PSYOP. Duties for MOS 37F at each level of skill are:

(1) *MOSC 37F10.* Trains and maintains proficiency in all major duties. Assists in collection and reporting PSYOP related information and processing that information into intelligence to support PSYOP. Assists in evaluating and analyzing current intelligence, PSYOP studies and estimates to determine PSYOP targets. Operates PSYOP dissemination equipment and assist in the delivery of PSYOP products. Assists in the packing of PSYOP products for delivery by various means. Prepares, stores and retrieves information on PSYOP related intelligence, plans, campaigns and products. Assists and performs intelligence functions as required.

(2) *MOSC 37F20.* Performs all duties of preceding skill level. Coordinates resources requirements for the development, production and dissemination of PSYOP productions. Assists in the integration of PSYOP planning in support of conventional, special operations and deception planning. Assists in determining the appropriate mix of media, relative to available assets, to disseminate PSYOP products. Evaluates and analyze current intelligence, PSYOP studies and

estimates to determine PSYOP targets. Identifies psychological vulnerabilities and susceptibilities of PSYOP targets.

(3) *MOSC 37F30.* Performs all duties of preceding skill level. Provides technical guidance to lower grade personnel in accomplishment of their duties. Supervises receipt, analysis and storage of PSYOP related intelligence information. Plans and advises on PSYOP in direct and general support of support of operation forces. Assists in planning identification, mobilization and deployment of PSYOP resource. Supervises PSYOP dissemination and delivery sections and teams. Conducts liaison with the supported command. Advises supported commands on psychological considerations of planning operations.

(4) *MOSC 37F40.* Provides technical guidance to lower grade personnel in accomplishment of their duties. Plans and organizes work schedules and assigns specific tasks in support of tactical or strategic PSYOP mission. Assists in supervision of the propaganda development and tactical operations centers. Conducts general PSYOP training program for the command. Supervises planning and dissemination of PSYOP products. Controls the execution of PSYOP programs. Conducts liaison with supported commands.

(5) *MOSC 37F50.* Performs all duties of preceding skill level. Provides technical guidance to lower grade personnel in accomplishment of their duties. Provides liaison to supported staff and commands. Assists PSYOP commanders and staff officers in planning, organizing, directing, supervising, training and coordinating activities pertaining to PSYOP at all levels of commands.

*b. Physical demands rating and qualifications for initial award of MOS.* PSYOP specialists must possess the following qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area ST.
- (5) A security clearance of SECRET.
- (6) A qualifying score on the Defense Language Aptitude Battery (DLAB) as prescribed by AR 611-6.
- (7) Good voice quality and be able to speak English without an objectionable accent or impediment. (This requirement is desired but not mandatory.)
- (8) A high school graduate or equivalent.
- (9) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200.
- (10) A U.S. citizen.
- (11) No information in Provost Marshal, intelligence, MPRJ or medical records which would prevent the granting of a security clearance under provisions of AR 604-5.
- (12) No record of conviction by court-martial.
- (13) No record of conviction by a civil court for any offense other than minor traffic violations.
- (14) Due to the nature of training and assignments, temporary restrictions may be placed on foreign travel both during and after the term of service.
- (15) Meet career management and development criteria contained in AR 614-200.
- (16) Complete mandatory formal training.
- (17) The active component soldier must be airborne qualified.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-37F-1.* Physical requirements.
- (2) *Table 10-37F-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-37F-3.* Standards of grade TDA.

#### **10-123. 38A—Civil Affairs Specialist (Reserve Components) (CA Specialist), CMF 38**

*a. Major duties.* The civil affairs (CA) specialist supervises,

researches, coordinates, conducts, and participates in analysis, planning, and production of CA related documents and actions encompassing both strategic and tactical CA operations for Army, joint, and combined military commands. Duties of MOS 38A at each level of skill are:

(1) *MOSC 38A10*. Trains and maintains proficiency in all major duties. Assists in routine coordination, conducts research, analysis and production of civil affairs related products and actions supporting functional specialty missions.

(2) *MOSC 38A20*. Trains and maintains proficiency in all major duties. Performs all duties of preceding skill level. Performs coordination, conducts research, analysis and production of civil affairs related products and actions supporting functional specialty missions.

(3) *MOSC 38A30*. Trains and maintains proficiency in all major duties. Performs all duties of preceding skill level. Supervises, coordinates and participates in analysis, planning and production of civil affairs related products and actions supporting functional specialty missions and research.

(4) *MOSC 38A40*. Trains and maintains proficiency in all major duties. Performs all duties of preceding skill level. Supervises research, analysis and conduct of civil a related missions.

(5) *MOSC 38A50*. Trains and maintains proficiency in all major duties. Performs all duties of preceding skill level. Supervises activities in support of planning, research, analysis and conduct of all functional area civil affairs mission.

*b. Physical demands rating and qualification for initial award of MOS.* Civil affairs specialist must possess the following qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) A minimum score of 100 in aptitude area ST.
- (4) A security clearance of SECRET.
- (5) A high school graduate or equivalent.
- (6) No information in Provost Marshall, intelligence, MPRJ or medical records which would prevent the granting of a security clearance under the provisions of AR 204-5.
- (7) No records of conviction by a court materiel.
- (8) No record of conviction by a civil court for any offense other than minor traffic violations.
- (9) Formal training (completion of MOS 38A conducted under the auspices of the JFK Warfare Center and School) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-38A-1*. Physical requirements.
- (2) *Table 10-38A-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-38A-3*. Standards of grade TDA N/A.

### **10–124. 39B—Automatic Test Equipment Operator and Maintainer (ATE Opr/Maint), CMF 35**

*a. Major duties.* The automatic test equipment operator and maintainer operates, maintains, and supervises unit and direct and general support (DS/GS) level maintenance on Automatic Test Equipment (ATE) consisting of electronic equipment test and repair facilities. Duties for MOS 39B at each level of skill are:

(1) *MOSC 39B10*. Operates and performs unit level maintenance on ATE and repairs electronic equipment, printed circuit boards, and modules. Prepares appropriate maintenance forms and records. Troubleshoots automatic test equipment to determined cause of malfunction at unit level maintenance. Repairs ATE and subassemblies by adjusting, aligning, repairing and/or replacing defective components at unit level maintenance. Tests repaired ATE system to ensure compliance with technical specifications.

(2) *MOSC 39B20*. Performs DS/GS level maintenance on electronic test facility. Troubleshoots ATE at DS/GS maintenance level

and repairs ATE at DS maintenance level. Provides technical and procedural assistance to less experienced personnel. Requests and maintains authorized bench stock of repair parts, supplies and technical publications.

(3) *MOSC 39B30*. Supervises operation and maintenance on the electronic test and repair facility. Prepares, reviews, and consolidates technical and administrative reports and requests to include maintaining files and records. Prepares or updates Standing Operating Procedures (SOP), site defense, and evacuation plans. Assigns specific duties to subordinate personnel and establishes workload, work schedule and repair priorities. Performs and supervises quality control inspections, establishes and monitors on the job training (OJT) programs. Provides technical information and instructions to subordinates and supported units. Advises supervisors on operational and maintenance matters.

*b. Physical demands rating and qualifications for initial award of MOS.* Automatic test equipment operator and maintainer must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 111221.
- (3) Must meet the following vision requirements:
  - (a) Far vision: Snellen Chart correctable to 20/40.
  - (b) Near vision: Jaeger equivalent 1 or 0.50 mm letters at 14 inches.
  - (c) Depth perception: normal binocular vision for fine close work as determined by the Armed Forces Vision Tester.
  - (d) Normal color vision.
- (4) Minimum score of 110 in aptitude area EL.
- (5) A security clearance of SECRET.
- (6) A U.S citizen.
- (7) Formal training (completion of MOS 39B Course conducted under the auspices of the U.S. Army Ordnance Missile and Munitions School) mandatory; or waiver may be granted by Commandant, USAOMMCS, Redstone Arsenal, AL 35897-6090.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) X1—AH&-64 Maintenance.
- (3) 2S—Battle Staff Operations (skill level 3 only).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 2-39B-1*. Physical requirements.
- (2) *Table 2-39B-2*. Standards of grade TOE/MTOE.
- (3) *Table 2-39B-3*. Standards of grade TDA.

### **10–125. 42E—Optical Laboratory Specialist (Optical Lab Sp), CMF 91**

*a. Major duties.* The optical laboratory specialist assembles spectacles utilizing presurfaced single-vision lens; surfaces multivision lens and assembles multivision spectacles; repairs and fabricates spectacles and supervises optical laboratory personnel. Duties for MOS 42E at each skill level are:

(1) *MOSC 42E10*. Surfaces lens blanks, fabricates, repairs, and assembles prescription spectacles. Maintains tools and equipment.

(2) *MOSC 42E20*. Performs duties shown in the preceding skill level and provides technical guidance to subordinates. Performs prescription related administration.

(3) *MOSC 42E30*. Provides technical guidance, inspects completed spectacles, and insures quality control standards. Develops stock levels, requisitions, stores, and maintains optical supplies and equipment. Prepares and conducts training programs and instructs on preventive maintenance and safety procedures.

(4) *MOSC 42E40*. Determines personnel requirements, establishes priorities and organizes work schedules. Plans layout of work areas. Prepares and conducts training programs. Inspects to ensure a safe, clean and orderly working environment. Supervises quality control procedures. Drafts and prepares budget estimates and monitors records of cost data and expenditures. Performs staff, budget and advisory duties. Prepares other technical, administrative,

and personnel reports. Coordinates activities of optical laboratory with medical treatment facilities.

*b. Physical demands rating and qualifications for initial award of MOS.* The optical laboratory specialist must possess the following qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 323222.
- (3) A minimum score of 100 in aptitude area GM.
- (4) Successful completion of high school Algebra.
- (5) Formal training (completion of MOS 42E course under the auspices of AMEDD Center & School) mandatory or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 4).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Duties, physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-42E-1.* Physical requirements.
- (2) *Table 10-42E-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-42E-3.* Standards of grade TDA.

### **10-126. 43E—Parachute Rigger, CMF 92**

*(Rescinded.)*

### **10-127. 43M—Fabric Repair Specialist (Fabric Repair Sp), CMF 92**

*a. Major duties.* The fabric repair specialist supervises repair of, or repairs, textile and canvas items, webbed equipment, and clothing. Duties for MOS 43M at each skill level are:

(1) *MOSC 43M10.* Inspects, tallies, marks, tags, and segregates textile, canvas, and webbed items. Sews, patches, darns, and bastes worn or damaged fabrics. Alters sizes, and repairs uniforms, attaches unit patches, name tapes, and chevrons and replaces fasteners and zippers. Fabricates and repairs canvas covers, tarpaulins, and other items. Operates and maintains sewing, darning, and button machines.

(2) *MOSC 43M20.* Performs duties of the preceding level of skill and provides technical guidance to lower grade personnel. Inspects, classifies, and determines reparability of textile, canvas, and webbed items received for repair.

(3) *MOSC 43M30.* Supervises and coordinates operations and preventive maintenance activities in mobile and fixed textile and canvas repair shops. Coordinates maintenance requirements with supporting units. Establishes quality control standards. Estimates supply requirements and requests, stores, safeguards, and issues repaired items. Prepares equipment schedules and operational, personnel, and administrative reports. Maintains records of cost data and expenditures.

(4) *MOSC 43M40.* Performs the duties of the preceding skill level and provides technical guidance to lower grade personnel.

*b. Physical demands rating and qualifications for initial award of MOS.* Fabric repair specialists must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222323.
- (3) A minimum score of 85 in aptitude area GM.
- (4) MOS qualification may be attained by meeting the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-43M-1.* Physical requirements.
- (2) *Table 10-43M-2.* Standards of grade TOE/MTOE.

(3) *Table 10-43M-3.* Standards of grade TDA.

### **10-128. 44B—Metal Worker, CMF 63**

*a. Major duties.* The metal worker supervises, inspects, installs, modifies, and performs maintenance on metal body components, radiators, fuel tanks, hulls, and accessories of Army watercraft and amphibians. Duties for MOS 44B at each skill level are:

(1) *MOSC 44B10.* Welds ferrous and nonferrous metals using oxyacetylene, electric arc, and inert gas welding equipment and repairs, repaints, and installs metal body components, radiators, fuel tanks, modifies other related items, and repairs hulls and accessories of Army watercraft.

(2) *MOSC 44B20.* Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Performs direct support and general support (DS/GS) maintenance metal worker tasks.

*b. Physical demands rating and qualifications for initial award of MOS.* Metal workers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) Normal color vision.
- (4) A knowledge of joint design, welding criterion, and controlling expansion and contraction.
- (5) Near and distance visual acuity of at least 20/30 in each eye regardless of whether or not corrective lenses are worn.
- (6) No more than one error on Titmus Stereo Circles at 16 inches or no errors on eight positions of Verhoeff Stereoptor at 16 inches.
- (7) A minimum score of 90 in aptitude area GM.
- (8) Formal training (completion of MOS 44B course conducted under the auspices of the USA Ordnance Center and School) mandatory; or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-44B-1.* Physical requirements.
- (2) *Table 10-44B-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-44B-3.* Standards of grade TDA.

### **10-129. 44E—Machinist, CMF 63**

*a. Major duties.* The machinist supervises and performs the fabrication, repair, and modifications of metallic and nonmetallic parts and supervises metalworking shop activities. Duties for MOS 44E at each level of skill are:

(1) *MOSC 44E10.* Fabricates, repairs, and modifies metallic and nonmetallic parts, utilizing such machines as engine lathes, utility grinders, power cutoff saws, armature undercutters, arbor and hydraulic presses, drill presses, and their associated attachments, accessories, and tools.

(2) *MOSC 44E20.* Perform duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

(3) *MOSC 44E30.* Perform duties in preceding skill levels, perform metal workers (MOS 44B) duties, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Inspects completed work.

(4) *MOSC 44E40.* Perform duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Performs as support maintenance machine shop supervisor or metalworker supervisor.

*b. Physical demands rating and qualifications for initial award of MOS.* Machinists must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 222222.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area GM.
- (5) Near and distance visual acuity of at least 20/30 in each eye regardless of whether or not corrective lenses are worn.

(6) No more than one error on Titmus Stereo Circles at 16 inches or no errors on 8 positions of Verhoeff Stereoptor at 16 inches.

(7) Formal training (completion of MOS 44E course conducted under the auspices of the USA Ordnance Center and School) mandatory; or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-44E-1.* Physical requirements.
- (2) *Table 10-44E-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-44E-3.* Standards of grade TDA.

### **10-130. 45B—Small Arms/Artillery Repairer (Small Arms/ Arty Rep), CMF 63**

*a. Major duties.* The small arms/artillery repairer performs direct support and general support (DS/GS) maintenance and repairs on small arms and other infantry weapons, and towed artillery. Duties for MOS 45B at each skill level are:

(1) *MOSC 45B10.* Performs DS/GS maintenance on small arms and other infantry weapons, and towed artillery.

(2) *MOSC 45B20.* Perform duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Diagnoses and troubleshoots malfunctions of small arms and other infantry weapons, and towed artillery.

*b. Physical demands rating and qualifications for initial award of MOS.* Small arms/artillery repairers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) A minimum score of 90 in aptitude area GM.
- (4) Formal training (completion of MOS 45B course conducted under the auspices of the U.S. Army Ordnance Center and School) mandatory; or meet the civilian acquired skills criteria listed in AR 601-210.
- (5) Normal color vision.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-45B-1.* Physical requirements.
- (2) *Table 10-45B-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-45B-3.* Standards of grade TDA.

### **10-131. 45D—Self-propelled Field Artillery Turret Mechanic (SP FA Turret Mech), CMF 63 (Closed to women - see chapter 13)**

*a. Major duties.* The self-propelled field artillery turret mechanic performs unit maintenance of carriage-mounted armament, associated fire control, and related systems on all self-propelled field artillery weapon systems. Duties for MOS 45D at each skill level are:

(1) *MOSC 45D10.* Diagnoses malfunctions of troubleshoots and performs other unit maintenance on carriage-mounted armament, associated fire control, and related systems and components on all self-propelled field artillery weapon systems.

(2) *MOSC 45D20.* Perform duties in preceding skill level, supervises lower rank soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Diagnoses and corrects malfunctions in carriage-mounted armament, associated fire control, and related systems components of self-propelled field artillery weapon systems.

*b. Physical demands rating and qualifications for initial award of*

*MOS.* Self-propelled field artillery turret mechanics must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area GM.
- (5) Formal training (completion of MOS 45D course conducted under the auspices of the USA Ordnance Center and School) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-45D-1.* Physical requirements.
- (2) *Table 10-45D-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-45D-3.* Standards of grade TDA.

### **10-132. 45E—M1 ABRAMS Tank Turret Mechanic (M1 Turret Mech), CMF 63 (Closed to women - see chapter 13)**

*a. Major duties.* The M1 ABRAMS tank turret mechanic performs unit maintenance of vehicular-mounted armament (including machine guns), associated fire control, and related systems on M1 and M728 combat engineer vehicle (CEV) turrets. Duties for MOS 45E at each skill level are:

(1) *MOSC 45E10.* Diagnoses and troubleshoots malfunctions and performs other unit maintenance on vehicular-mounted armament, associated fire control, and related systems and components of M1 tanks, the CEV and associated equipment.

(2) *MOSC 45E20.* Perform duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Diagnoses and corrects malfunctions of vehicular-mounted armament, associated fire control, and related systems and components of the M1 and the CEV at the unit maintenance level.

*b. Physical demands rating and qualifications for initial award of MOS.* M1 ABRAMS tank turret mechanics must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area MM.
- (5) Formal training (completion of MOS 45E course conducted under the auspices of the USA Ordnance Center and School) mandatory.

*c. Additional skill identifiers.*

- (1) K4—M1A2 Tank Operations and Maintenance.
- (2) P5—Master Fitness Trainer.
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-45E-1.* Physical requirements.
- (2) *Table 10-45E-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-45E-3.* Standards of grade TDA.

### **10-133. 45G—Fire Control Repairer (FC Rep), CMF 63**

*a. Major duties.* The fire control repairer supervises and performs direct and </title>general support (DS/GS) maintenance on combat vehicle, infantry and artillery fire control systems and equipment, and related test equipment. Duties for MOS 45G at each skill level are:

(1) *MOSC 45G10.* Maintains (DS/GS) and/or repairs laser range finders, ballistic computers, laser observation devices, laser designators, thermal imaging systems, periscopes, telescopes, commander's weapon station/auxiliary sights, aiming circles, image transfer assemblies, quadrants, mount assemblies., fire control support equipment, and test, measurement, and diagnostic equipment (TMDE). Performs battlefield damage assessment and repair (BDAR).

(2) *MOSC 45G20*. Perform duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers to diagnose and troubleshoot malfunctions in fire control systems and related equipment at the DS/GS maintenance level.

*b. Physical demands rating and qualifications for initial award of MOS.* The fire control system repairer must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area EL.
- (5) A security clearance of CONFIDENTIAL.
- (6) A U.S. citizen.
- (7) Formal training (completion of MOS 45G course conducted under the auspices of the U.S. Army Ordnance Center and School) mandatory.

*c. Additional skill identifiers.*

- (1) K4—M1A2 Tank Operations and Maintenance.
- (2) P5—Master Fitness Trainer.
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-45G-1*. Physical requirements.
- (2) *Table 10-45G-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-45G-3*. Standards of grade TDA.

#### **10-134. 45K—Armament Repairer (Armt Rep), CMF 63**

*a. Major duties.* The armament repairer supervises and performs direct/general support (DS/GS) and depot level maintenance/repairs on the mechanisms/systems of tank turrets/weapons, fighting vehicles, towed/self-propelled artillery, small arms and other infantry weapons. Duties for MOS 45K at each skill level are:

(1) *MOSC 45K10*. Performs ordnance armament DS/GS maintenance. Assists in correcting malfunctions on the mechanisms/systems of tank turrets, armament weapons, and cupolas.

(2) *MOSC 45K20*. Perform duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Repairs turret mechanisms and tank weapons. Troubleshoots and corrects malfunctions. Provides technical advice and assists in assembling and disassembling the mechanisms and systems of turrets, cupolas, tank weapons, and self-propelled artillery.

(3) *MOSC 45K30*. Performs duties in preceding skill levels, performs small arms/artillery repairer (MOS 45B) duties, performs fire control repairer (MOS 45G) duties, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Inspects and troubleshoots fire control system components, towed artillery fire control systems, self-propelled artillery fire control systems, tank fire control systems, towed artillery armament systems, self-propelled artillery armament systems, fighting vehicle armament systems, tank armament systems, small arms weapons. Classifies equipment.

(4) *MOSC 45K40*. Perform duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Performs as senior advisor and supervisor of ordnance maintenance and repair crews engaged in DS/GS and depot maintenance on all mechanisms and systems of armament/fire control turrets, artillery, and small arms.

*b. Qualifications for initial award of MOS.* Armament repairers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area GM.
- (5) A security clearance of CONFIDENTIAL.
- (6) Formal training (completion of MOS 45K course conducted under the auspices of the U.S. Ordnance Center and School) mandatory.

*c. Additional skill identifiers.*

(1) K4—M1A2 Tank Operations and Maintenance.

(2) P5—Master Fitness Trainer.

(3) 2S—Battle Staff Operations (skill level 3 and above).

(4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-45K-1*. Physical requirements.
- (2) *Table 10-45K-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-45K-3*. Standards of grade TDA.

#### **10-135. 45N—M60A1/A3 Tank Turret Mechanic (M60A1/A3 Turret Mech) (Reserve Components), CMF 63 (Closed to women - see chapter 13)**

*a. Major duties.* The M60A1/A3 tank turret mechanic performs unit maintenance of vehicular-mounted armament including machine guns, associated fire control, and related systems on M60A1/A3 tank and M48A5 tank turrets. Duties for MOS 45N at each skill level are:

(1) *MOSC 45N10*. Troubleshoots and performs unit maintenance on vehicular-mounted armament, associated fire control, and related systems and components of M60A1/A3 and M48A5 tanks.

(2) *MOSC 45N20*. Perform duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Diagnoses and corrects malfunctions of vehicular-mounted armament, associated fire control, and related systems and components of M60A1/A3, and M48A5 tanks.

*b. Physical demands rating and qualifications for initial award of MOS.* M60A1/A3 tank turret mechanics must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area MM.

(5) Formal training (completion of MOS 45N course conducted under the auspices of the USA Ordnance Center and School) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-45N-1*. Physical requirements.
- (2) *Table 10-45N-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-45N-3*. Standards of grade TDA.

#### **10-136. 45T—Bradley Fighting Vehicle System Turret Mechanic (BFVS Turret Mech), CMF 63 (Closed to women—see chapter 13)**

*a. Major duties.* The Bradley fighting vehicle system (BFVS) turret mechanic performs unit maintenance of vehicular-mounted armaments (including machine guns), associated fire control, and related systems on the improved TOW vehicle (ITV), infantry fighting vehicle (IFV), cavalry fighting vehicle (CFV), and fire support vehicle (FISTV). Duties for MOS 45T at each skill level are:

(1) *MOSC 45T10*. Maintains (inspects, repairs, test, and adjusts) cannon assemblies, turret missile launchers, ammunition feeder-loader systems, secondary armament systems, traversing systems, elevating systems, stabilization systems, electrical power distribution systems, electrical firing systems, hydraulic systems, and sighting and fire control systems.

(2) *MOSC 45T20*. Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Diagnoses and corrects malfunctions in vehicular-mounted armament, associated fire control, related systems and components of BFVS, the ITV, the FISTV, and related systems.

*b. Physical demands rating and qualifications for initial award of*

MOS. BRADLEY fighting vehicle system turret mechanics must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area GM.
- (5) Formal training (completion of MOS 45T course conducted under the auspices of the USA Ordnance Center and School) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-45T-1.* Physical requirements.
- (2) *Table 10-45T-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-45T-3.* Standards of grade TDA.

### 10-137. 46Q—Journalist, CMF 46

*a. Major duties.* The journalist participates in and assists with the supervision of the administration of Army public affairs programs, primarily through writing and photographing the Army's activities, for use in the internal and external news media. Other major duties of MOS 46Q at each level of skill are:

- (1) *MOSC 46Q10.* Researches, prepares and disseminates news releases on Army personnel and activities.
- (2) *MOSC 46Q20.* Performs duties of and provides technical guidance to personnel in the preceding skill level.
- (3) *MOSC 46Q30.* Performs duties of and provides technical guidance to personnel in the preceding skill level while supervising the administration of an Army public affairs program.
- (4) *MOSC 46Q40.* Performs duties of and provides technical guidance to personnel in the preceding skill level while supervising and Army public affairs program.

*b. Physical demands rating and qualifications for initial award of MOS.* The journalist must possess the following qualifications:

- (1) Physical demands rating of light.
- (2) A physical profile of 222221.
- (3) A minimum score of 110 in aptitude area GT.
- (4) Be able to type 20 WPM prior to school attendance.
- (5) Formal training mandatory for Active Component and non-prior service ARNG and USAR soldiers. Formal training (completion of Basic Journalist Course at the Defense Information School (DINFOS), Ft George G. Meade, MD) or completion of Phase I (MOS 46Q Army Correspondence Course) and Phase II (RC Introduction to Journalism Course, Defense Information School) of the Journalist MOS Qualification program mandatory for prior service ARNG and USAR soldiers who did not previously complete the Journalist Course; or meet civilian acquired skills criteria listed in AR 601-210.

- (6) Be a high school graduate or GED equivalent.
- (7) Show proof by official transcript of having successfully completed at least two years of high school English.
- (8) Must possess a valid state motor vehicle operator license.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-46Q-1.* Physical requirements.
- (2) *Table 10-46Q-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-46Q-3.* Standards of grade TDA.

### 10-138. 46R—Broadcast Journalist, CMF 46

*a. Major duties.* The broadcast journalist participates in or supervises the operation of radio or television broadcast section, team, detachment, or Armed Forces Radio and Television Service network

affiliate or comparable broadcast activity. Other major duties of MOS 46R at each level of skill are:

- (1) *MOSC 46R10.* Prepares scripts and news copy for AFRTS radio and television programs and participates as host, announcer, master of ceremonies, and actor in radio and television broadcasts.
- (2) *MOSC 46R20.* Performs duties of and provides technical guidance to personnel in the preceding skill level.
- (3) *MOSC 46R30.* Supervises the operation of radio or television broadcast section or element.
- (4) *MOSC 46R40.* Supervises the operation of AFRTS affiliates or comparable broadcast activity, to include separate broadcast section, team or detachment.

*b. Physical demands rating and qualifications for initial award of MOS.* The broadcast journalist must possess the following qualifications:

- (1) Physical demands rating of light.
- (2) A physical profile of 222121.
- (3) A minimum score of 110 in aptitude area GT.
- (4) Be able to type 20 WPM prior to school attendance.
- (5) Formal training (completion of MOS 46R course conducted under the auspices of Defense Information School, Ft George G. Meade, MD) mandatory. Formal training consists of two options:

(a) Basic Broadcaster (Course No. 570-46R10) (see DA Pam 351-4) is required for initial entry award of MOS 46R (Active and Reserve Component (RC) and other than initial entry Reserve Component soldiers desiring assignment to a Broadcast Public Affairs Detachment.

(b) RC Basic Broadcaster (Course No. 214 M13 (3 phases) (see DA Pam 351-20). Phase I - Resident - Introduction to Broadcasting (RC) at the Defense Information School; Phase II - Correspondence - (15 sub courses) completed before attending Phase III; and Phase III - Electronic Journalism (Course resident No. 570-F3) at Defense Information School. Course is an alternative to option (5)(a) above for Reserve Component soldiers who hold a previous MOS, and desire award of MOS 46R with assignment to other than a Broadcast Public Affairs Detachment.

- (6) Have no speech impediments.
- (7) Be a high school graduate or equivalent.
- (8) Show proof by official transcript of having successfully completed at least two years of high school English.
- (9) Must possess a valid vehicle operator license.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-46R-1.* Physical requirements.
- (2) *Table 10-46R-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-46R-3.* Standards of grade TDA.

### 10-139. 46Z—Public Affairs Chief, CMF 46

*a. Major duties.* The public affairs chief supervises radio and television broadcasting, Army command information and public affairs programs. MOS 46Z50 personnel must be able to supervise personnel performing the duties of MOS 46Q and 46R at skill "5" and below.

*b. Physical demands rating and qualifications for initial award of MOS.* The public affairs chief must possess the following qualifications:

(1) Hold MOS 46Q or 46R prior to award of MOS 46Z. Under extraordinary circumstances this requirement is waivable by the Chief of Public Affairs, Headquarters, Department of the Army, Washington, DC 20310.

- (2) A physical demands rating is nonapplicable.
- (3) A physical profile of 323332.
- (4) Minimum score in aptitude area—N/A.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).

(3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-46Z-1.* Physical requirements.
- (2) *Table 10-46Z-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-46Z-3.* Standards of grade TDA.

### **10-140. 51B—Carpentry and Masonry Specialist (Carpentry & Masonry Sp), CMF 51**

*a. Major duties.* The carpentry and masonry specialist performs general heavy carpentry, structural steel, and masonry duties, to include fabrication, erection, maintenance, and repair of rigging devices, trusses, and other structural assemblies. Duties for MOS 51B at each level of skill are:

(1) *MOSC 51B10.* Employs basic carpentry and masonry skills. Assists in building layout, framing, sheathing, fabrication and roofing structures. Assists in erection of rough timber structures. Reads and interprets drawings, plans and specifications. Repairs and renovates all types of structures and erects prefabricated buildings. Constructs concrete form work for slabs, walls, and columns. Assists in performance of combat engineer missions, Reserve Components (RC) assists in sawmill set up and operation.

(2) *MOSC 51B20.* Interprets construction drawings and blueprints. Prepares building layout. Constructs wooden or concrete foundation and erects building framework. Installs flooring, walls, partitions, siding, roofing, doors, windows, stairs, and interior finishing. Erects prefabricated and pre-engineered metal structures. Applies proper concrete curing methods. Directs operational maintenance on assigned equipment. Reserve Components perform millwright, head saw operator, and edger functions during sawmill operations.

*b. Physical demands rating and qualifications for initial award of MOS.* Carpentry and masonry specialist must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111221.
- (3) Normal color vision.
- (4) A minimum score of 90 in aptitude area GM.
- (5) Freedom from vertigo to permit climbing, balancing, and working in high places.
- (6) Formal training (completion of MOS 51B course conducted under the auspices of USA Engineer Center & School) mandatory or meet civilian acquired skills criteria outlined in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-51B-1.* Physical requirements.
- (2) *Table 10-51B-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-51B-3.* Standards of grade TDA.

### **10-141. 51H—Construction Engineering Supervisor (Const Engr Supv), CMF 51**

*a. Major duties.* The construction engineering supervisor supervises construction, repair, and utility services of buildings, warehouses, fixed bridges, port facilities, and petroleum pipelines, tanks, and related equipment. Duties for MOS 51H at each level of skill are:

(1) *MOSC 51H30.* Reads and interprets construction drawings. Estimates material, time, equipment, and labor requirements. Supervises the construction and repair of wood frame, concrete, masonry or prefabricated structures. Supervises the installation and repair of utility systems. Inspects structures and facilities to ensure compliance with specifications. Directs operator maintenance on assigned vehicles and equipment. Directs combat engineering missions.

(2) *MOSC 51H40.* Devises network flow diagrams such as the critical path method and coordinates work activities of supporting

units. Provides supervision over all structural and utility construction projects. Inspects subordinate elements to ensure compliance with directives, construction drawings, and specifications. Plans and organizes for combat engineering missions.

*b. Physical demands rating and qualifications for initial award of MOS.* Construction engineering supervisors must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 111221.
- (3) A minimum score of 95 in aptitude area GM.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-51H-1.* Physical requirements.
- (2) *Table 10-51H-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-51H-3.* Standards of grade TDA.

### **10-142. 51K—Plumber, CMF 51**

*a. Major duties.* The plumber installs and repairs pipe systems and fixtures, and petroleum pipeline systems. Duties for MOS 51K at each level of skill are:

(1) *MOSC 51K10.* Assists in installation and repair of pipe systems, plumbing fixtures, and equipment. Reads and interprets drawings, plans, and specifications. Connects pipe sections using appropriate valves, couplings, reducers and other fittings by threading, bolting, soldering, and other established joining procedures. Assists in performance of combat engineer missions.

(2) *MOSC 51K20.* Reads and interprets drawings, plans, and specifications to determine layout and identify types and quantities of materials required. Installs and repairs pipe systems, plumbing fixtures and equipment. Conducts inspection of plumbing facilities and ensures employment of proper safety procedures.

*b. Physical demands rating and qualifications for initial award of MOS.* Plumbers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111221.
- (3) Normal color vision.
- (4) A minimum score of 90 in aptitude area GM.
- (5) Freedom from vertigo to permit climbing, balancing and working in high places.
- (6) Formal training (completion of MOS 51K course conducted under the auspices of the USA Engineer School) mandatory or meet civilian acquired skills criteria outlined in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-51K-1.* Physical requirements.
- (2) *Table 10-51K-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-51K-3.* Standards of grade TDA.

### **10-143. 51M—Firefighter, CMF 51**

*a. Major duties.* The firefighter supervises or performs firefighting, rescue, salvage and fire protection operations. Duties for MOS 51M at each level of skill are:

(1) *MOSC 51M10.* Performs rescue and firefighting operations during structural fires, aircraft crash incidents, vehicle emergencies, and natural cover fires. Performs emergency response duties during hazardous materials incidents. Operates and maintains firefighting equipment and vehicles during emergency and non-emergency operations.

(2) *MOSC 51M20.* Directs rescue and firefighting operations during structural fires, aircraft crash incidents, vehicle emergencies, and natural cover fires. Directs emergency response crews during

hazardous materials incidents. Maintains records and reports on fire department operations.

(3) *MOSC 51M30*. Supervises rescue and firefighting operations during structural fires, aircraft crash incidents, vehicle emergencies and natural cover fires. Supervises emergency response crews during hazardous materials incidents. Conducts fire prevention operations including inspections and pre-fire planning.

(4) *MOSC 51M40*. Exercises command and control during rescue and firefighting operations during structural fires, aircraft crash incidents, vehicle emergencies, and natural cover fires. Exercises command and control of emergency response during hazardous materials incidents. Conducts fire prevention operations to include determining building classification and installation level inspections. Develops plans for hazardous materials emergencies. Conducts initial fire-ground investigations.

*b. Physical demands rating and qualifications for initial award of MOS.* Firefighters must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111121.
- (3) Normal color vision.
- (4) A minimum score of 90 in aptitude area GM.
- (5) An operator's license for type of equipment to which assigned.
- (6) No record of pyrophobia, acrophobia, or claustrophobia.
- (7) Must possess a valid state motor vehicle operator license.
- (8) Mandatory formal training (completion of USAFCRS-X3ABR3E731-007) at Goodfellow AFB, TX; or meet the civilian acquired skills criteria listed in AR 601-210.
- (9) Meet visual acuity and hearing deficit standards set forth in DODI 6055.6 and NFPA 1582.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-51M-1*. Physical requirements.
- (2) *Table 10-51M-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-51M-3*. Standards of grade TDA.

#### **10-144. 51R—Interior Electrician, CMF 51**

*a. Major duties.* The interior electrician supervises or performs installation and maintenance of interior electrical systems and equipment. Duties for MOS 51R at each level of skill are:

(1) *MOSC 51R10*. Installs and maintains interior electrical systems up to 600 volts. Reads and interprets drawings, plans, and specifications. Installs service panels, switches and electrical boxes. Installs metallic and nonmetallic sheathed cable, conduit and special electrical equipment. Installs service drop. Uses test equipment to test operational condition of circuits. Assists in performance of combat engineer missions.

(2) *MOSC 51R20*. Supervises installation and maintenance of interior electrical systems. Plans electrical system layout using drawings, plans, specifications, and wiring diagrams. Coordinates construction planning and advises on electrical construction. Uses test equipment to isolate malfunctions and repairs defects in systems and components. Inspects interior electrical systems/components for proper installation in accordance with National Electrical Code and local ordinances.

*b. Physical demands rating and qualifications for initial award of MOS.* Interior electricians must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 111221.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area EL.
- (5) Formal training (completion of MOS 51R course conducted under the auspices of the U.S. Army Engineer School) mandatory or meet civilian acquired skills criteria listed in AR 601-210.
- (6) No record of acrophobia or claustrophobia.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-51R-1*. Physical requirements.
- (2) *Table 10-51R-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-51R-3*. Standards of grade TDA.

#### **10-145. 51T—Technical Engineering Specialist (Tech Engrng Sp), CMF 51**

*a. Major duties.* The technical engineering specialist supervises or participates in construction site development to include technical investigation, surveying, drafting, development of construction plans and specifications and performing quality control inspections. Duties for MOS 51T at each skill level are:

(1) *MOSC 51T10*. Assists in the performance of field and laboratory tests on construction materials, construction surveys, and drafting for military construction.

(2) *MOSC 51T20*. Performs field and laboratory testing on construction materials, construction surveys and design drafting for military construction.

(3) *MOSC 51T30*. Supervises technical engineering activities relating to construction surveying, drafting, and testing of construction materials. Compiles technical information and supervises subordinate personnel.

(4) *MOSC 51T40*. Plans, directs, inspects, and performs technical site development activities. Supervises duties performed by subordinate personnel.

*b. Physical demands rating and qualifications for initial award of MOS.* Technical engineering supervisors must possess the following qualifications:

- (1) Physical demands rating of heavy.
- (2) A physical profile code of 221211.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area ST.
- (5) Have credit for two years of high school mathematics, to include algebra and 1 year of general science.
- (6) Formal training (completion of MOS 51T course conducted under the auspices of the USA Engineer School) is mandatory.

*c. Additional skill identifiers.*

- (1) C7—Survey Instrument Repairer.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-51T-1*. Physical requirements.
- (2) *Table 10-51T-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-51T-3*. Standards of grade TDA.

#### **10-146. 51Z—General Engineering Supervisor (Gen Engr Supv), CMF 51**

*a. Major duties.* The general engineering supervisor supervises general engineering activities related to all construction and utility operations. Assists engineering officer in construction planning, scheduling, and material estimating. Assists in the preparation of operation orders, standing operating procedures, and contingency plans. Provides staff supervision and principal noncommissioned officer direction to units engaged in performing general engineering missions. Inspects construction and training activities. Supervises performance of combat engineering missions.

*b. Physical demands rating and qualifications for initial award of MOS.* General engineering supervisors must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222321.
- (3) Minimum score in aptitude area—N/A.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.
- d. Physical requirements and standards of grade.*
- (1) *Table 10-51Z-1.* Physical requirements.
- (2) *Table 10-51Z-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-51Z-3.* Standards of grade TDA.

**10-147. 52C—Utilities Equipment Repairer (Util Equip Rep), CMF 63**

*a. Major duties.* The utilities equipment repairer supervises and performs unit, direct support and general support (DS/GS) maintenance to include utilities equipment and special purpose support systems. Duties for MOS 52C at each skill level are:

(1) *MOSC 52C10.* Maintains (inspects, repairs, tests, and adjusts) gasoline engine systems, bottle cleaning/charging stations, air conditioner electrical systems, air conditioner vapor systems, refrigeration unit electrical systems, portable heater fuel/electrical systems, fire extinguisher rechargers, and fire extinguishers/valves.

(2) *MOSC 52C20.* Perform duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

(3) *MOSC 52C30.* Perform duties in preceding skill levels, perform quartermaster and chemical equipment repairer (MOS 63J) duties, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Inspects and troubleshoots petroleum, oil, and lubrication equipment, smoke generators, laundry and bath units, chemical equipment, water purification equipment systems, portable forced air heaters, bottle cleaning/charging station, air conditioner units, refrigeration units, and fire extinguisher recharger. Performs maintenance management activities, including production and quality control.

*b. Physical demands rating and qualifications for initial award of MOS.* Utilities equipment repairers must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 221121.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area GM.
- (5) Formal training (completion of MOS 52C course conducted under the auspices of the USA Ordnance Center and School) mandatory.

*c. Additional skill identifiers*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

- (1) *Table 10-52C-1.* Physical requirements.
- (2) *Table 10-52C-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-52C-3.* Standards of grade TDA.

**10-148. 52D—Power-Generation Equipment Repairer (Pwr Gen Equip Rep), CMF 63**

*a. Major duties.* The power-generation equipment repairer supervises and performs unit, direct support and general support (DS/GS) maintenance functions, including overhaul, but not rebuild of power generation equipment, internal combustion engines and associated equipment up through 200KW (except for turbine engine driven generators). Duties for MOS 52D at each skill level are:

(1) *MOSC 52D10.* Performs unit or DS/GS maintenance on tactical utility, precise power generation sets, internal combustion engines, and associated items of equipment.

(2) *MOSC 52D20.* Perform duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Repairs/overhauls starters, alternators, generators, fuel injectors, voltage regulators, switches, control circuits, etc.

(3) *MOSC 52D30.* Perform duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Supervises activities

of a section performing unit or DS/GS maintenance on tactical utility, precise power generation sets, internal combustion engines, and associated equipment. Applies maintenance management and quality control including production and quality control in maintenance activities.

*b. Physical demands rating and qualifications for initial award of MOS.* Power-generation equipment repairers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 221121.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area GM.
- (5) Formal training (completion of MOS 52D course conducted under the auspices of the USA Ordnance Center and School) mandatory; or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) C9—MAST and Electric Power Plant Maintenance.
- (2) D4—Aviation generators/Aviation Ground Power Units.
- (3) P5—Master Fitness Trainer.
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

- (1) *Table 10-52D-1.* Physical requirements.
- (2) *Table 10-52D-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-52D-3.* Standards of grade TDA.

**10-149. 52E—Prime Power Production Specialist (Prime Power Pdn Sp), CMF 51**

*a. Major duties.* The prime power production specialist supervises, operates, installs and maintains electric power plant and associated auxiliary systems and equipment. Duties for MOS 52E at each level of skill are:

(1) *MOSC 52E20.* Operates and maintains electrical power plants. Performs mechanical, electrical and instrumentation functions necessary to install and prepare power station equipment for initial startup. Analyzes plant equipment and system operating characteristics to determine operational condition. Repairs or overhauls generating equipment and associated systems components.

(2) *MOSC 52E30.* Supervises the installation, operation or maintenance of prime power plants and associated systems and equipment. Directs preparation of power plant equipment for movement, storage and installation. Serves as technical inspector to determine faulty operation/maintenance practices. Determines and isolates complex malfunctions, utilizing diagnostic tests, and troubleshooting techniques. Determines repair/overhaul required, cost effectiveness, and method of accomplishment for power plant equipment and associated systems.

(3) *MOSC 52E40.* Supervises the installation, operation, unit and direct support maintenance of electrical power plants. Coordinates, plans, and schedules team activities. Plans for the use, movement, and siting of electrical power plants. Estimates manpower, equipment and material necessary to accomplish installation of power station and construction of associated systems. Advises subordinate personnel on prime power equipment use, siting, operation and maintenance.

*b. Physical demands rating and qualifications for initial award of MOS.* Prime power production specialists must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222121.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area ST.
- (5) A security clearance of SECRET.
- (6) Medical fitness standards per AR 40-501.
- (7) Required formal training.
- (8) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) E5—Instrument Maintenance (Power Station).
- (2) P5—Master Fitness Trainer.
- (3) S2—Mechanical Equipment Maintenance (Power Station).

- (4) S3—Electrical Equipment Maintenance (Power Station).
- (5) U4—Power Line Distribution.
- (6) 2S—Battle Staff Operations (skill level 3 and above).
- (7) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-52E-1.* Physical requirements.
- (2) *Table 10-52E-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-52E-3.* Standards of grade TDA.

### **10-150. 52F—Turbine Engine Driven Generator Repairer (TEDG Rep), CMF 63**

*a. Major duties.* The turbine engine driven generator repairer performs and supervises unit, direct support and general support (DS/GS) maintenance functions, including overhaul (but not rebuild) of turbine engine driven tactical generator sets, turbine engine prime mover of tactical generator set and associated equipment. Duties for MOS 52F at each skill level are:

(1) *MOSC 52F10.* Performs unit and DS/GS maintenance of turbine driven generators and associated items such as the Aviation Ground Power Unit (AGPU), Medical Unit Self-Contained Transportable (MUST), Electric Power Plant II (EPP II) and generator set Aviation 10KW 28V (10/28).

(2) *MOSC 52F20.* Perform duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Repairs or overhauls components and assemblies, such as starters, turbine driven generators, fuel pumps, exciters, voltage regulators, governors, switches, and control circuits, etc.

(3) *MOSC 52F30.* Perform duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Supervises activities of a section performing unit or DS/GS maintenance on turbine engine driven generator sets, Aviation Ground Power Unit (AGPU), Medical Unit Self-Contained and Transportable (MUST), Electric Power Plant II (EPP II), and generator set Aviation 10KW 28V (10/28).

*b. Physical demands rating and qualifications for initial award of MOS.* Turbine engine driven generator repairers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 221121.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area GM.
- (5) Formal training (completion of MOS 52F course conducted under the auspices of the USA Ordnance Center and School) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

- (1) *Table 10-52F-1.* Physical requirements.
- (2) *Table 10-52F-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-52F-3.* Standards of grade TDA.

### **10-151. 52G—Transmission and Distribution Specialist (Reserve Components) (Trans and Dist Sp), CMF 51**

*a. Major duties.* The transmission and distribution specialist supervises or installs and maintains electrical distribution systems; performs duties as a member of a transmission and distribution team. Duties for MOS 52G at each level of skill are:

(1) *MOSC 52G10.* Assists in installation of electrical transmission and distribution systems and exterior services. Assists in the erection of utility poles; and, installs guys, anchors, crossarms, conductors, insulators, and other hardware. Installs and connects service drops and conduits on deenergized systems.

(2) *MOSC 52G20.* Installs and maintains electrical transmission and distribution systems. Tests circuits and components to isolate

malfunctions and repair defects. Performs scheduled and emergency inspections and repairs of distribution systems and equipment. Assists in maintenance, repair, calibration and tests of internal substation equipment.

(3) *MOSC 52G30.* Supervises installation of underground and overhead electrical distribution systems. Supervises staging of material and construction and maintenance equipment. Maintains and uses special purpose safety equipment and tools employed for electrical construction and maintenance. Ensures proper safety and clearance procedures are followed.

(4) *MOSC 52G40.* Plans and supervises construction and maintenance of electrical transmission and distribution systems. Estimates manpower, equipment, and material requirements for electrical construction. Advises on electrical construction and maintenance procedures and capabilities.

*b. Physical demands rating and qualifications for initial award of MOS.* Transmission and distribution specialists must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111221.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area EL.
- (5) Mandatory formal training or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-52G-1.* Physical requirements.
- (2) *Table 10-52G-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-52G-3.* Standards of grade TDA.

### **10-152. 52X—Special Purpose Equipment Repairer (Sp Purpose Equip Rep), CMF 63**

*a. Major duties.* Supervises the performance of unit, direct support and general support (DS/GS) special purpose equipment maintenance activities. Performs maintenance management activities, including production and quality control. Provides technical guidance and training.

*b. Physical demands rating and qualifications for initial award of MOS.* Special purpose equipment repairers must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222222.
- (3) Normal color vision.
- (4) Minimum score in aptitude area—N/A.
- (5) Must hold MOS 52C, 52D, or 52F prior to award of MOS 52X.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-52X-1.* Physical requirements.
- (2) *Table 10-52X-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-52X-3.* Standards of grade TDA.

### **10-153. 54B—Chemical Operations Specialist (Chem Ops Sp), CMF 54**

*a. Major duties.* The chemical operations specialist operates, performs operator maintenance or supervises the use of NBC detection and decontamination equipment, smoke generators, and assists in the establishment, administration, training and application of NBC defense measures. The NBC NCO provides training, advice, and supervision regarding the proper use and maintenance procedures for chemical equipment and chemical operations in company and

higher level organizations. Duties for MOS 54B at each level of skill are:

(1) *MOSC 54B10*. Operates and performs operator maintenance on smoke generating equipment, NBC identification/detection and decontamination equipment, performs NBC reconnaissance.

(2) *MOSC 54B20*. Operates and performs operator maintenance on smoke generating equipment, leads smoke generating or fuel supply squads, supervises reconnaissance/decontamination operations, serves as company NBC NCO.

(3) *MOSC 54B30*. Supervises smoke generator and fuel supply squad, computes and plots NBC data, supervises reconnaissance and decontamination squads, serves as NBC NCO in battalion or squadron headquarters authorized a chemical branch officer, or as company NBC NCO in a separate company or in organic companies of combat service support battalions.

(4) *MOSC 54B40*. Supervises a chemical platoon and controls company smoke operations, supervises NBC decontamination platoon or comparable unit, monitors technical operations of an NBC company, and serves as brigade (except for separate brigades), battalion, or squadron NBC advisor in headquarters not authorized a chemical branch officer.

(5) *MOSC 54B50*. Serves as first sergeant in a chemical company, conducts battalion and group operations and intelligence functions, and provides NBC operations advisory support to commanders at separate brigade, group, division, Corps and Army level.

*b. Physical demands rating and qualifications for initial award of MOS.* Chemical operations specialists must possess the following qualifications:

(1) A physical demands rating of very heavy.

(2) A physical profile of 122221.

(3) Normal color vision.

(4) A minimum score of 95 in aptitude area ST.

(5) Active component personnel (all grades): For initial award of MOS, soldiers must attend resident training at the U.S. Army Chemical School (USACMLS) where they will be exposed, while wearing NBC protective wear, to toxic agents in a decontamination facility. Correspondence course will not be the basis for MOS qualification. ARNG/USAR personnel (all grades): National Guard and Army Reserve soldiers will attend the resident course at USACMLS or at an accredited USAR school or national Guard academy.

*c. Additional skill identifiers.*

(1) J5—Technical Escorting.

(2) L1—Master Fox Scout (SL 3 and 4 only).

(3) L4—Biological Integrated Detection System (BIDS) (SL 1 thru SL 4).

(4) L5—NBC Reconnaissance.

(5) P5—Master Fitness Trainer.

(6) 2S—Battle Staff Operations (skill level 3 and above).

(7) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-54B-1*. Physical requirements.

(2) *Table 10-54B-2*. Standards of grade TOE/MTOE.

(3) *Table 10-54B-3*. Standards of grade TDA.

#### **10-154. 55B—Ammunition Specialist (Ammo Sp), CMF 55**

*a. Major duties.* The ammunition specialist receives, stores and issues conventional ammunition, guided missiles, large rockets and other ammunition related items; performs maintenance (unit, direct support and general support) modification, destruction and demilitarization on ammunition and explosive components; and operates computer hardware and software/utilities manual records to perform stock control and accounting procedures. Duties for MOS 55B at each level of skill are:

(1) *MOSC 55B10*. Assists in receipt, storage, issue, maintenance, modification, destruction and demilitarization of explosive items. Performs ammunition supply stock control and accounting duties

using both automated and manual procedures. Operates MHE to maneuver ammunition.

(2) *MOSC 55B20*. Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Assists in the preparation of transportation of ammunition, ammunition components and explosives.

(3) *MOSC 55B30*. Performs duties in the preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Prepares/reviews ammunition storage waivers. Prepares complex ammunition malfunction reports. Ensures ammunition quality assurance/quality control procedures are followed.

(4) *MOSC 55B40*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Interprets technical data and instructs subordinates in the technical aspects of ammunition, missile and other explosive items receipt, storage, maintenance and supply. Technical advisor on ammunition surveillance and safety matters.

(5) *MOSC 55B50*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Supervises and manages the SAAS-MOD at theater, theater Army, area command, and Corps materiel management centers (CMMC). Assists in the survey and layout of areas allocated for the establishment of ammunition storage areas. Plans requirements for labor, equipment and supplies in preparation and application of plans, work policies and procedures.

*b. Physical demands rating and qualifications for initial award of MOS.* Ammunition specialists must possess the following qualifications:

(1) A physical demands rating of very heavy.

(2) A physical profile of 222221.

(3) Normal color vision.

(4) A minimum score of 100 in aptitude area ST.

(5) A security clearance of CONFIDENTIAL.

(6) Formal training (completion of MOS 55B course conducted under the auspices of the USAOMMCS, to include Phase II MOS training for RC personnel) is mandatory.

(7) Non-allergic to explosive components.

(8) Non-claustrophobic tendencies.

(9) A U.S. citizen.

*c. Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) 2S—Battle Staff Operations (skill level 3 and above).

(3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-55B-1*. Physical requirements.

(2) *Table 10-55B-2*. Standards of grade TOE/MTOE.

(3) *Table 10-55B-3*. Standards of grade TDA.

#### **10-155. 55D—Explosive Ordnance Disposal (EOD) Specialist (EOD Sp), CMF 55**

*a. Major duties.* Locates, identifies, renders safe, and disposes of foreign and domestic conventional, chemical, or nuclear ordnance and improved explosive devices (IED); supports VIP missions for the U.S. Secret Service, State Department, and other Federal agencies. Duties for MOS 55D at each level of skill are:

(1) *MOSC 55D10*. Researches and identifies ordnance using EOD technical publications. Detects the presence of and identifies chemical agents. Prepares and maintains EOD tools, equipment, and vehicles. Assists in operating an Emergency Contamination Control Station (ECCS) and Emergency Personnel Decontamination Station (EPDS). Assists in locating and gaining access to buried ordnance. Assists the EOD Team Leader in performing the major duties.

(2) *MOSC 55D20*. Performs duties in the preceding grade level. Supervises and provides technical guidance to less experience soldiers. Performs radiological monitoring. Reads and interprets x-rays,

diagrams, drawings, and other technical information on explosive ordnance. Conducts formal instruction to military and civilian audiences. Assists with the administrative duties necessary to support unit operations. Assists in preparing technical intelligence and incident reports.

(3) *MOSC 55D30*. Performs duties in the preceding grade levels. Performs or supervises render safe and disposal procedures on conventional, chemical, and improvised explosive devices. Develops new render safe and disposal procedures when none in existent or modifies existing procedures to adapt to new situations. Supervises transportation and storage of explosives and unexploded ordnance. Supervises operation of the ECCS and EPDS. Advises commanders on precautions and actions necessary when unexploded ordnance is located in their area of operation. Prepares technical intelligence and incident reports. Advises military and civilian agencies on disposition of hazardous materials and searching techniques for improvised explosive devices. Performs administrative and supervisory functions in maintenance, security, supply and training management. Procedures when none exists or modifies existing procedures to adapt to new situations. Supervises transportation and storage of explosives and unexploded ordnance. Supervises operation of ECCS and EPDS. Advises commanders on precautions and actions necessary when unexploded ordnance is located in their areas. Prepares technical intelligence and incident reports. Advises military and civilian agencies on disposition of hazardous materials and searching techniques for improvised explosive devices. Performs administrative and supervisory functions in maintenance, security, supply and training management.

(4) *MOSC 55D40*. Performs duties in the preceding grade levels. Directs and supervises EOD range and area clearance operations. Directs disposal operations for conventional and chemical munitions. Coordinates EOD operations with Chemical Accident/Incident Response Officer (CAIRO). Performs and maintains liaison with supported units and civil and federal law enforcement agencies. Assists in planning, coordination, and execution of unit operations and movements. Assists in preparation of operation orders and standard operating procedures. Consolidates, edits, and reviews reports.

(5) *MOSC 55D50*. Performs duties in the preceding grade levels. Responsible for maintaining continuity of all unit operations and movements. Supervises coordination and deployment of EOD response teams over a wide geographical area. Supervises establishment and maintenance of situation maps, journals, and technical intelligence reports. Technical advisor at staff levels. Supervises CONUS operations that support VIP missions for the U.S. Secret Service, State Department, and other Federal agencies. Implements orders, policies and procedures.

*b. Qualifications for initial award of MOS*. Explosive ordnance disposal specialists must possess the additional following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111121.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area GM.
- (5) A final security clearance of SECRET.
- (6) Eligibility for assignment to a critical nuclear duty position.
- (7) Eligibility for assignment to a Category II Presidential Support position per AR 380-67.

(8) Mandatory formal training. The following training must be completed prior to award of MOS 55D.

(a) Non-prior service soldiers must complete the MOS 55B course and successfully complete the MOS 55D training.

(b) In-service soldiers, with and MOS, may attend the explosive ordnance disposal specialist course and must complete all phases of training. Attendance of MOS 55B course is not required.

- (9) Be an explosive ordnance disposal duty volunteer.
- (10) Be non-allergic to explosives.
- (11) Be able to wear M3 type protective clothing while performing mission related functions.
- (12) Be a U.S. citizen.

(13) Must possess a valid state motor vehicle operator license.

*c. Additional skill identifiers.*

- (1) J5—Technical Escorting.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade*. Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-55D-1*. Physical requirements.
- (2) *Table 10-55D-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-55D-3*. Standards of grade TDA.

#### **10-156. 55Z—Ammunition Supervisor, CMF 55** (Rescinded.)

#### **10-157. 57E—Laundry and shower Specialist (Laundry and Shower Sp), CMF 92**

*a. Major duties*. The laundry and shower specialist supervises or performs laundry, shower, delousing, personnel and clothing decontamination, and reimpregnation functions. Duties for MOS 57E at each level of skill are:

(1) *MOSC 57E10*. Receives bulk, individual, or organizational laundry and reviews laundry lists for accuracy of bundle count or contents of individual laundry bag. Segregates, classifies, and marks washable and unwashable items. Operates mobile washers, extractors, dryers, reimpregnation, decontamination, and delousing equipment. Sorts and issues cleaned laundry and equipment. Conducts clothing exchange in conjunction with bag operations. Installs, inspects, operates, and maintains laundry, shower, decontamination and delousing equipment, and generators.

(2) *MOSC 57E20*. Performs duties shown in preceding level of skill and provides technical guidance to lower grade personnel. Supervises establishment of laundry or shower facility. Supervises marking, classifying, and washing operations. Coordinates flow of personnel through shower and delousing operations with supported units. Supervises preventive maintenance of laundry, shower, and delousing equipment. Estimates supply requirements, requests supplies, and supervises receipt, storage, and issue of supplies, clothing, and equipment. Prepares facility layout.

(3) *MOSC 57E30*. Performs duties shown in preceding level of skill and provides technical guidance to lower grade personnel in accomplishment of these duties. Plans shower reconnaissance operations and organizes reconnaissance teams for selection of operational sites. Coordinates with medical authorities for delousing requirements. Determines personnel requirements and plans and supervises training program. Prepares and develops cost and manpower estimates.

(4) *MOSC 57E40*. Determines requirements and adequacy of laundry and shower activities and prepares operational plan to meet requirements. Establishes, evaluates, and monitors unit training and preventive maintenance programs. Consolidates production reports and schedules.

(5) *MOSC 57E50*. Performs duties shown at preceding level of skill and provides technical guidance to lower grade personnel. Instructs immediate subordinates in specific phases of command intelligence procedures and enemy intelligence methods. Assist commander and staff officers in appraisal of intelligence, operations, and training procedures. Coordinates operating requirements of subordinate units with major or subordinate units.

*b. Physical demands rating and qualifications for initial award of MOS*. Laundry and bath specialists must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) A minimum score of 85 in aptitude area GM.
- (4) MOS qualification may be attained by meeting the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).

- (3) 4A—Reclassification Training.
- (4) A3—Force Development (TAADS).

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-57E-1.* Physical requirements.
- (2) *Table 10-57E-2.* Standards of grade MTOE TOE/MTOE.
- (3) *Table 10-57E-3.* Standards of grade TDA.

**10–158. 57F—Mortuary Affairs Specialist (Mortuary Affairs Sp), CMF 92**  
(Rescinded.)

**10–159. 62B—Construction Equipment Repairer (Const Equip Rep), CMF 63**

*a. Major duties.* The construction equipment repairer supervises and performs unit, direct support and general support (DS/GS) maintenance on construction equipment which includes that used for earthmoving, grading, and compaction; lifting and loading; quarrying and rock crushing; asphalt and concrete mixing, and surfacing; water pumping; air compression and pneumatic tools; and powered bridging. Duties for MOS 62B at each skill level are:

(1) *MOSC 62B10.* Maintains (unit/DS/GS) and replaces brake actuators, batteries, starter motors, alternators, mechanical fuel pumps, hydraulic cylinders/pumps/control valves, drive shafts, universal joints, service brake shoes, disc-brake pads, water pumps, turbochargers, cylinder heads, high-pressure fuel injection pumps, wheel bearings/seals, steering unit torquelink, and road wheels. Adjusts engine speed governor/valves, carburetors, boom-hoist brakes/clutches, dry-disc clutches, steering brakes, track tension/assemblies, fuel injector racks, and steering unit brake levers. Charges suspension accumulators, transmission shift accumulators, and main hydraulic accumulators.

(2) *MOSC 62B20.* Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Troubleshoots, repairs and overhauls engines, final drives, power trains, hydraulic systems, and fuel system components. Performs welding and cutting to accomplish repairs.

(3) *MOSC 62B30.* Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Supervises and inspects maintenance of construction, powered bridging, and associated equipment. Performs troubleshooting of engines, power trains, fuel and electrical systems, hydraulic systems, earth-moving components, and pneumatic equipment.

(4) *MOSC 62B40.* Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

*b. Physical demands rating and qualifications for initial award of MOS.* Construction equipment repairers must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 222222.
- (3) Normal color vision.
- (4) A minimum score of 90 in aptitude area MM.
- (5) An equipment qualification record for equipment operated.
- (6) Formal training (completion of MOS 62B course conducted under the auspices of the USA Ordnance Center and School) mandatory; or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-62B-1.* Physical requirements.
- (2) *Table 10-62B-2.* Standards of grade TOE/MTOE.

- (3) *Table 10-62B-3.* Standards of grade TDA.

**10–160. 62E—Heavy Construction Equipment Operator (Hv Const Equip Op), CMF 51**

*a. Major duties.* The heavy construction equipment operator operates crawler and wheeled tractors with dozer attachments, scoop loader, motorized grader, and towed or self-propelled scraper. Duties for MOS 62E at each level of skill are:

(1) *MOSC 62E10.* Interprets information on grade stakes. Clears, grubs, strips, excavates, backfills, ditches, stockpiles and pushes scraper with tractor crawler. Cuts and spreads fill material with scraper. Excavates, stockpiles, backfills, and loads with loader. Scarifies, spreads, levels and constructs V ditch with grader. Transports heavy construction equipment with tractor trailer. Assists in performance of combat engineer missions.

(2) *MOSC 62E20.* Constructs berm, excavates sidehills and finishes side slopes with crawler tractor. Grades to final grade, finishes slopes and mixes soil stabilization materials with grader. Constructs berm with scraper. Performs surface and drainage maintenance.

*b. Physical demands rating and qualifications for initial award of MOS.* Heavy construction equipment operators must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Red/green color discrimination.
- (4) A minimum score of 90 in aptitude area GM.
- (5) Must possess a valid state motor vehicle operator license.
- (6) Formal training (completion of MOS 62E course conducted under the auspices of the USA Engineer Center and School, or meet civilian acquired skills criteria listed in AR 601-210) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-62E-1.* Physical requirements.
- (2) *Table 10-62E-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-62E-3.* Standards of grade TDA.

**10–161. 62F—Crane Operator, CMF 51**

*a. Major duties.* The crane operator operates crawler and truck-mounted cranes and crane shovels. Duties for MOS 62F at each level of skill are:

(1) *MOSC 62F10.* Installs and removes crane booms, extensions and hook blocks. Positions crane outriggers assemblies and maneuvers in response to hand signals. Installs, rigs and removes crane attachments. Performs clamshell, dragline, wrecking ball, pile driving, and hook block operations. Determines safe lifting capacities. Assists in performance of combat engineer missions.

(2) *MOSC 62F20.* Operates cranes with related attachments. Directs operational maintenance on assigned equipment.

*b. Physical demands rating and qualifications for initial award of MOS.* Crane operators must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Red/green color discrimination.
- (4) A minimum score of 90 in aptitude area GM.
- (5) Must possess a valid state motor vehicle operator license.
- (6) Formal training (completion of MOS 62F course conducted under auspices of U.S. Army Engineer School) mandatory, or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-62F-1.* Physical requirements.
- (2) *Table 10-62F-2.* Standards of grade TOE/MTOE.

(3) *Table 10-62F-3*. Standards of grade TDA.

### 10-162. 62G—Quarrying Specialist, CMF 51

*a. Major duties.* The quarrying specialist supervises or operates electric, pneumatic, and internal combustion powered machines used in drilling, crushing, grading, and cleaning gravel and rock, or detonates explosives to blast rock in quarries and at construction sites. Duties for MOS 62G at each level of skill are:

(1) *MOSC 62G10*. Operates rock drills under supervision. Assembles, adjusts and operates crushing, screening, conveying, and washing units. Assists in blasting operations. Assists in performance of combat engineer missions.

(2) *MOSC 62G20*. Directs the erection of rock processing equipment. Determines screen sizes and crusher settings to produce aggregate to specifications. Directs quarry rock excavation to produce required sizes and tonnage of rock. Performs as blaster.

(3) *MOSC 62G30*. Conducts and plans quarry reconnaissance and plant layout. Supervises the setup and calibration of a rock processing plant. Plans and supervises blasting operations. Supervises rock production operations. Directs combat engineering missions.

*b. Physical demands rating and qualifications of initial award of MOS.* Quarrying specialists must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area GM.
- (5) MOS qualification may be attained by meeting the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-62G-1*. Physical requirements.
- (2) *Table 10-62G-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-62G-3*. Standards of grade TDA.

### 10-163. 62H—Concrete and Asphalt Equipment Operator (Conc & Asphalt Eq Op), CMF 51

*a. Major duties.* The concrete and asphalt equipment operator supervises or operates all equipment used in concrete and asphalt production and paving. Duties for MOS 62H at each level of skill are:

(1) *MOSC 62H10*. Produces concrete with concrete mobile mixer. Assists in the erection and operation of asphalt producing plant. Operates asphalt distributor, aggregate spreader and asphalt kettle. Assists in operation of asphalt paving and surfacing equipment. Assists in performance of combat engineer missions.

(2) *MOSC 62H20*. Erects and operates asphalt plant for the production of hot mix asphalt. Sets up and operates asphalt laydown equipment to meet desired asphalt specifications.

(3) *MOSC 62H30*. Directs employment of concrete mobile mixer. Plans and directs layout and erection of asphalt plant. Supervises production of hot mix asphalt. Directs asphalt laydown and rolling operations. Directs combat engineering missions.

*b. Physical demands rating and qualifications for initial award of MOS.* Concrete and asphalt equipment operators must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Red/green color discrimination.
- (4) A minimum score of 90 in aptitude area GM.
- (5) Must possess a valid state motor vehicle operator license.
- (6) Mandatory formal training (completion of MOS 62H10 course conducted under auspices of U.S. Army Engineer School) or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-62H-1*. Physical requirements.
- (2) *Table 10-62H-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-62H-3*. Standards of grade TDA.

### 10-164. 62J—General Construction Equipment Operator (Gen Const Equip Op), CMF 51

*a. Major duties.* The general construction equipment operator operates air compressors and special purpose construction machines engaged in compaction, ditching, pumping and auguring. Duties for MOS 62J at each level of skill are:

(1) *MOSC 62J10*. Operates air compressors and related pneumatic tools. Operates SEE and attachments, performing digging, backfilling and loading operations. Operates self-propelled compaction rollers during construction operations. Operates water distributor during compaction and dust control operations. Operates earth auger, rotary sweeper and tiller. Assists in performance of combat engineer missions.

(2) *MOSC 62J20*. Operates all general construction equipment. Directs operational maintenance on assigned equipment.

*b. Physical demands rating and qualifications for initial award of MOS.* General construction equipment operators must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Red/green color discrimination.
- (4) A minimum score of 90 in aptitude area GM.
- (5) Must possess a valid state motor vehicle operator license.
- (6) Formal training (completion of MOS 62J course conducted under auspices of U.S. Army Engineer School) mandatory, or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) C3—Well Drilling.
- (2) P5—Master Fitness Trainer.
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-62J-1*. Physical requirements.
- (2) *Table 10-62J-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-62J-3*. Standards of grade TDA.

### 10-165. 62N—Construction Equipment Supervisor (Const Equip Supv), CMF 51

*a. Major duties.* The construction equipment supervisor supervises construction equipment, quarry, paving, and plant equipment operations, and crew maintenance of equipment. Duties for MOS 62N at each level of skill are:

(1) *MOSC 62N30*. Supervises employment and maintenance activities related to lifting, general and heavy construction equipment in support of construction operations. Estimates equipment and operator requirements for specific jobs. Assists in supervision of unit engaged in construction equipment operation. Organizes and directs well drilling operations. Directs combat engineering missions.

(2) *MOSC 62N40*. Devises network flow diagrams such as the critical path method and coordinates work activities of supporting units. Provides supervision over all engineer construction equipment operations. Develops and executes a quality control plan. Plans and organizes for combat engineering missions.

*b. Physical demands rating and qualifications for initial award of MOS.* Construction equipment supervisors must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222221.
- (3) Red/green color discrimination.
- (4) A minimum score of 90 in aptitude area GM.

*c. Additional skill identifiers.*

- (1) C3—Well Drilling.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-62N-1.* Physical requirements.
- (2) *Table 10-62N-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-62N-3.* Standards of grade TDA.

**10-166. 63B—Light-Wheel Vehicle Mechanic (Lt W Veh Mech), CMF 63**

*a. Major Duties.* The light-wheel mechanic supervises and performs unit maintenance and recovery operations on gasoline and diesel fueled light-wheel vehicles (prime movers designated as 5 ton or less and their associated trailers), and associated items; supervises unit maintenance and recovery operations on track and heavy-wheel vehicles, and on material handling equipment (MHE). Duties for MOS 63B at each skill level are:

(1) *MOSC 63B10.* Maintains power assisted brake systems, wheel vehicle suspension systems, wheel vehicle wheel/hub assemblies, wheel vehicle mechanical (manual) steering systems, wheel vehicle hydraulic (power) steering systems, and wheel vehicle crane/hoist/winch assemblies.

(2) *MOSC 63B20.* Perform duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

(3) *MOSC 63B30.* Perform duties in preceding skill levels, perform light-wheel vehicle mechanic (MOS 63B) duties, perform heavy-wheel vehicle mechanic (MOS 63S) duties, perform track vehicle mechanic (MOS 63Y) duties, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Supervises unit maintenance on wheel and track vehicles, material handling equipment, power generation equipment and upkeep of hand and power tools. Perform battlefield damage assessment and repair (BDAR). Supervises recovery operations.

(4) *MOSC 63B40.* Perform duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

*b. Physical demands rating and qualifications for initial award of MOS.* Light-wheel vehicle mechanics must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) Normal color vision.
- (4) A minimum score of 90 in aptitude area MM.
- (5) Current equipment qualification record for all types of equipment maintained.
- (6) Formal training (completion of MOS 63B course conducted under the auspices of the USA Ordnance Center and School) mandatory; or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) H8—Recovery Operations.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-63B-1.* Physical requirements.
- (2) *Table 10-63B-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-63B-3.* Standards of grade TDA.

**10-167. 63D—Self-propelled Field Artillery System Mechanic (SP FA Sys Mech), CMF 63 (Closed to women—see chap 13)**

*a. Major Duties.* The self-propelled field artillery system mechanic supervises and performs unit maintenance and recovery of all self-propelled field artillery cannon weapon systems, including the automotive, turret, fire control, and chemical protection subsystems thereof. Duties for MOS 63D at each level of skill are:

(1) *MOSC 63D10.* Troubleshoots and performs unit maintenance on the automotive systems and components of M109/M107/M110 self-propelled howitzers, M548, M578, M88/A1, and the 113 family of vehicles. Maintains diesel power plants/packs, compression ignition engine fuel systems, compression ignition air induction systems, track vehicle exhaust systems, air cooling systems, vehicle liquid cooling systems, vehicle starting systems, vehicle charging systems, track hull electrical systems, automatic transmission assemblies crossdrive transmission assemblies, auxiliary drive assemblies, tract vehicle suspension systems, lockout suspension systems, mechanical/hydraulic steering systems, track vehicle hydraulic systems, auxiliary power units, fire extinguisher/suppression systems, and gas particulate filter systems.

(2) *MOSC 63D20.* Perform duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Troubleshoots, isolates, and identifies causes of system or component malfunction. Inspects electrical wiring and hydraulic lines.

(3) *MOSC 63D30.* Perform duties in preceding skill levels, perform self-propelled field artillery turret mechanic (MOS 45D) duties, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Performs battlefield damage assessment and repair (BDAR) of track vehicle armament/automotive systems. Inspects and troubleshoots automotive/armament systems of M109 series howitzer, M110 series Howitzer, and M992. Inspects and troubleshoots automotive systems of M113 series vehicles, M578 recovery vehicle, and M88A1 recovery vehicle.

(4) *MOSC 63D40.* Perform duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Supervises the performance of battlefield damage assessment and repair.

*b. Physical demands rating and qualifications for initial award of MOS.* Self-propelled field artillery system must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area MM.
- (5) Current equipment qualification record for all types of equipment maintained.
- (6) Formal training (completion of MOS 63D course conducted under the auspices of the USA Ordnance Center and School) mandatory; or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) H8—Recovery Operations.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-63D-1.* Physical requirements.
- (2) *Table 10-63D-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-63D-3.* Standards of grade TDA.

**10-168. 63E—M1 ABRAMS Tank System Mechanic (M1 Tank Sys Mech), CMF 63 (Closed to women—see chap 13)**

*a. Major Duties.* The M1 ABRAMS tank system mechanic supervises and performs unit maintenance and recovery operations on

M1 tanks and M1 vehicle configurations, including automotive, turret, fire control, and chemical protection systems. Duties for MOS 63E at each level of skill are:

(1) *MOSC 63E10*. Maintains hydraulic brake systems, air/hydraulic brake systems, mechanical brake systems, track vehicle suspension systems, wheel vehicle suspension systems, vehicle hub/wheel assemblies, mechanical/hydraulic steering systems, wheel vehicle crane/hoist/winch assemblies, track vehicle hydraulic systems, auxiliary power units, wheeled vehicle winch assemblies, fire extinguisher/suppression systems, and gas particulate systems.

(2) *MOSC 63E20*. Perform duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

(3) *MOSC 63E30*. Perform duties in preceding skill levels, perform M1 ABRAMS tank turret mechanic (MOS 45E) duties, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Supervises maintenance of cannon assemblies, cannon assemblies, cannon recoil assemblies, traversing systems, elevating systems, stabilization systems, electrical power distribution systems, electrical firing systems, hydraulic systems, sighting and fire control systems, exterior/interior/armament/automotive accessories, cupola/commander's weapon station/hatch systems, NBC system, fuel systems, turbine engines, gasoline and diesel engines, cooling systems, transmissions/transfers, brake systems, suspension systems, steering systems, fire extinguisher/suppression systems, and final drives. Inspects and troubleshoots M113 series vehicle automotive systems, recovery vehicle (M88A1) automotive systems, light wheeled vehicle automotive systems. Performs battlefield damage assessment and repair (BDAR) of track/wheel vehicle armament/automotive systems.

(4) *MOSC 63E40*. Perform duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Supervises the inspection and troubleshooting of M113 series vehicles automotive systems. Recovery vehicle (M88A1) automotive systems, light wheeled vehicle automotive systems, M1/M1A1 automotive/armament systems, and performs Battle Damage Assessment and Repair (BDAR) on track/wheel vehicle automotive/armament systems.

*b. Physical demands rating and qualifications for initial award of MOS.* M1 ABRAMS tank system mechanics must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area MM.
- (5) Current equipment qualification record for all types of equipment maintained.

(6) Formal training (completion of MOS 63E course conducted under the auspices of the USA Ordnance Center and School) mandatory.

*c. Additional skill identifiers.*

- (1) H8—Recovery Operations.
- (2) K4—Tank Operations and Maintenance (skill level 1 to 4 Master Fitness Trainer.
- (3) P5—Master Fitness Trainer.
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-63E-1*. Physical requirements.
- (2) *Table 10-63E-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-63E-3*. Standards of grade TDA.

### **10-169. 63G—Fuel and Electrical Systems Repairer (Fuel & Elec Sys Rep), CMF 63**

*a. Major duties.* The fuel electrical systems repairer performs direct support and general support (DS/GS) maintenance on fuel and electrical systems of wheel and track vehicles, brake system components, and on internal combustion engines associated with power

generation equipment or material handling equipment. Duties for MOS 63G at each skill level are:

(1) *MOSC 63G10*. Repairs the fuel supply pumps, fuel pumps (metering and injection), fuel injectors, governors, wiring harnesses, alternators/generators, starters, regulators and electrical control boxes, DC electrical motors, air brake system components, hydraulic brake system components, and personnel heaters.

(2) *MOSC 63G20*. Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

*b. Physical demands rating and qualifications for initial award of MOS.* Fuel and electrical systems repairers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222232.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area MM.
- (5) A knowledge of construction, functions, and nomenclature of wheel and track vehicles and materials-handling equipment.
- (6) A knowledge of internal combustion engines.
- (7) Formal training (completion of MOS 63G course conducted under the auspices of the USA Ordnance Center and School) mandatory; or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

- (1) *Table 10-63G-1*. Physical requirements.
- (2) *Table 10-63G-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-63G-3*. Standards of grade TDA.

### **10-170. 63H—Track Vehicle Repairer (Track Veh Rep), CMF 63**

*a. Major duties.* The track vehicle repairer supervises and performs direct support and general support (DS/GS) maintenance on track vehicles; supervises maintenance on wheeled vehicles, material handling equipment (MHE), and chemical quartermaster equipment (less office machines); and supervises related activities including fuel and electrical system repair and maintenance. Duties for 63H at each skill level are:

(1) *MOSC 63H10*. Performs repair of gas turbine power plants/packs, diesel power plants/packs, compression ignition engine fuel systems, compression ignition air induction systems, vehicle air cooling systems, vehicle liquid cooling systems, track hull electrical systems, automatic transmission assemblies, track vehicle cross drive transmission assemblies, transfer assemblies, hydraulic brake systems, mechanical/hydraulic steering systems, track vehicle hydraulic assemblies, fire extinguisher/suppression systems. Repair track vehicle using battlefield damage assessment and repair (BDAR).

(2) *MOSC 63H20*. Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

(3) *MOSC 63H30*. Performs duties in preceding skill levels, perform and supervise fuel and electrical systems repairer (MOS 63G) duties, performs and supervises wheel vehicle repairer (MOS 63W) duties, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Supervise and repair of fuel systems, fuel system components, electrical systems, electrical system components, turbine engines, diesel engines, cooling systems, transmissions, brake systems, steering systems, hydraulic systems, auxiliary drives, and personnel heaters. Inspects and troubleshoots tracked vehicle automotive systems, wheel vehicles and classify equipment.

(4) *MOSC 63H40*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Supervises the inspection and troubleshooting of tracked vehicle automotive systems and wheeled vehicles. Manages battlefield damage assessment and repair.

b. *Physical demands rating and qualifications for initial award of MOS.* Track vehicle repairers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222232.
- (3) Normal color vision.
- (4) A minimum score of 90 in aptitude area MM.
- (5) Current equipment qualification record for all types of equipment maintained.
- (6) Formal training (completion of MOS 63H course conducted under the auspices of the USA Ordnance Center and School) mandatory.

c. *Additional skill identifiers.*

- (1) H8—Recovery Operations.
- (2) P5—Master Fitness Trainer.
- (3) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-63H-1.* Physical requirements.
- (2) *Table 10-63H-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-63H-3.* Standards of grade TDA.

### 10-171. 63J—Quartermaster and Chemical Equipment Repairer (QM & Chem Equip Rep), CMF 63

a. *Major duties.* The quartermaster and chemical equipment repairer supervises or performs unit and direct support and general support (DS/GS) maintenance on chemical equipment, quartermaster machinery, forced air-heaters, and special purpose equipment. Duties for MOS 63J at each skill level are:

(1) *MOSC 63J10.* Maintains (unit/DS/GS) and repairs electrical/fuel heater systems, pumps, erdlator type/reverse osmosis water purification systems, decontamination systems, protective filter systems, smoke generator systems, laundry washer/extractor systems (mechanical), dryer/tumbler systems (mechanical), and quartermaster/chemical equipment electrical systems. Maintains internal combustion engine ignition/fuel/cooling/electrical systems. Performs battlefield damage assessment and repair (BDAR).

(2) *MOSC 63J20.* Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

b. *Physical demands rating and qualifications for initial award of MOS.* Quartermaster and chemical equipment repairers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) A minimum score of 90 in aptitude area MM.
- (4) Normal color vision.
- (5) Formal training (completion of MOS 63J course conducted under the auspices of the USA Ordnance Center and School) mandatory.

c. *Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-63J-1.* Physical requirements.
- (2) *Table 10-63J-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-63J-3.* Standards of grade TDA.

### 10-172. 63N—M60A1/A3 Tank System Mechanic (M60A1/A3 Tank Sys Mech) (Reserve Components), CMF 63 (Closed to women - see chap 13).

a. *Major duties.* The M60A1/A3 tank system mechanic supervises and performs unit maintenance and recovery operations on M60A1/A3 tanks, including the automotive, turret, fire control, and chemical protection systems. Duties for MOS 63N at each level of skill are:

- (1) *MOSC 63N10.* Maintains (inspects/troubleshoots/replaces/

repairs/adjusts/performs preventive maintenance checks and services (PMCS)) diesel power plants/packs, compression ignition engines, wheel vehicle clutch assemblies, compression ignition engine, fuel/air induction systems, vehicle liquid cooling systems, vehicle starting/charging systems, track vehicle hull electrical systems, wheel vehicle electrical systems, standard/automatic transmission assemblies, crossdrive transmission assemblies, propeller shaft/axle assemblies, drum brake systems, hydraulic steering systems, hoist/winch assemblies, track vehicle hydraulic assemblies, auxiliary power units, fire extinguisher/suppression systems, and gas particulate filter systems.

(2) *MOSC 63N20.* Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

(3) *MOSC 63N30.* Performs duties in preceding skill levels, perform and supervise M60A1/A3 tank turret mechanic (MOS 45N) duties, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Supervises maintenance of cannon assemblies, cannon recoil assemblies, traversing systems, elevating systems, stabilization systems, electrical power distribution systems, electrical firing systems, hydraulic systems, sighting and fire control systems, exterior/interior/armament/automotive accessories, cupola/commander's weapon stations/hatch systems, NBC system, fuel systems, gasoline and diesel engines, cooling systems, transmissions/transfers, brake systems suspension systems, steering systems, fire extinguisher/suppression systems, final drives, and spade systems. Inspects and troubleshoots M113 series vehicle systems, recovery vehicle (M88A1) automotive systems. Performs battlefield damage assessment and repair (BDAR) of track vehicle armament/automotive systems.

(4) *MOSC 63N40.* Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

(5) *MOSC 63N50.* Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

b. *Physical demands rating and qualifications for initial award of MOS.* M60A1/A3 tank system mechanics must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) A minimum score of 100 in aptitude area MM.
- (4) Normal color vision.
- (5) Current equipment qualification record for all types of equipment maintained.
- (6) Formal training (completion of MOS 63N course conducted under the auspices of the USA Ordnance Center and School) mandatory.

c. *Additional skill identifiers.*

- (1) H8—Recovery Operations.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-63N-1.* Physical requirements.
- (2) *Table 10-63N-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-63N-3.* Standards of grade TDA.

### 10-173. 63S—Heavy-Wheel Vehicle Mechanic (Hvy W Veh Mech), CMF 63

a. *Major duties.* The heavy-wheel vehicle mechanic performs unit maintenance on heavy-wheel vehicles (prime movers designated as more than 5 tons and their associated trailers) and material handling equipment (MHE). Duties for MOS 63S at each skill level are:

(1) *MOSC 63S10.* Maintains compression ignition engines, compression ignition engine fuel systems, compression ignition air induction systems, wheel vehicle exhaust systems, vehicle liquid cooling systems, vehicle starting systems, vehicle charging systems, wheel chassis electrical systems, standard transmission assemblies,

automotive transmission assemblies, air-controlled semi-automatic transmission assemblies, transfer assemblies, propeller shaft assemblies, axle assemblies, drum brake systems, hydraulic brake systems, air/hydraulic brake systems, air (wedge, s-cam) brake systems, mechanical brake systems, wheel vehicle suspension systems, wheel vehicle wheel/hub assemblies, wheel vehicle hydraulic (power) steering systems, fifth wheel assemblies, wheel vehicle crane/hoist/winch assemblies, and material handling equipment (MHE) hydraulic systems.

(2) *MOSC 63S20*. Perform duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

*b. Physical demands rating and qualifications for initial award of MOS.* Heavy-wheel vehicle mechanics must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area MM.
- (5) Current equipment qualification record for all types of equipment maintained.
- (6) Formal training (completion of MOS 63S course conducted under the auspices of the USA Ordnance Center and School) mandatory.

*c. Additional skill identifiers.*

- (1) H8—Recovery Operations.
- (2) P5—Master Fitness Trainer.
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-63S-1*. Physical requirements.
- (2) *Table 10-63S-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-63S-3*. Standards of grade TDA.

#### **10–174. 63T—Bradley Fighting Vehicle System Mechanic (BFVS Mech), CMF 63 (Closed to women-see chap 13)**

*a. Major duties.* The Bradley fighting vehicle system (BFVS) mechanic supervises and performs unit maintenance on, and recovery operations of the improved tow vehicle (ITV), infantry fighting vehicle (IFV), cavalry fighting vehicle (CFV), fire support vehicle (FISTV), multiple launch rocket system (MLRS), and the 113 family of light armored vehicles, including the automotive, turret, fire control, and chemical protection systems. Duties for MOS 63T at each skill level are:

(1) *MOSC 63T10*. Maintains (inspects/troubleshoots/replaces/repairs/adjusts/performs preventive maintenance checks and services (PMCS)) diesel power plants/packs/units, compression engines, wheel vehicle clutch assemblies, compression ignition engine fuel systems, compression ignition air induction systems, vehicle exhaust/liquid cooling systems, vehicle starting/charging systems, track vehicle hull electrical systems, standard/automatic transmission assemblies, crossdrive transmission assemblies, auxiliary drive assemblies, propeller shaft assemblies, air/hydraulic brake system, mechanical brake systems, track/wheel vehicle suspension systems, vehicle wheel/hub assemblies, mechanical/hydraulic steering systems, controlled differential steering systems, track vehicle hydraulic assemblies, auxiliary power units, wheel vehicle winch assemblies, fire extinguisher/suppression systems, and gas particulate filter systems.

(2) *MOSC 63T20*. Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

(3) *MOSC 63T30*. Performs duties in preceding skill levels, perform and supervise Bradley fighting vehicle system turret mechanic (MOS 45T) duties, supervises lower rank soldiers and provides technical guidance to the soldiers in the accomplishment of their duties. Inspects and troubleshoots: M113 series vehicle automotive

systems vehicle automotive systems, Bradley fighting vehicle systems (M2/M3) series automotive/armament systems, recovery vehicle (M578) automotive systems, recovery vehicle (M88A1) automotive systems, and light-wheel vehicle automotive systems. Performs battlefield damage assessment and repair (BDAR) of track/wheel vehicle armament/automotive systems.

(4) *MOSC 63T40*. Performs duties in preceding skill levels, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

*b. Physical demands rating and qualifications for initial award of MOS.* Bradley fighting vehicle system mechanics must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area MM.
- (5) Current equipment qualification record for all types of equipment maintained.
- (6) Formal training (completion of MOS 63T course conducted under the auspices of the USA Ordnance Center and School) mandatory.

*c. Additional skill identifiers.*

- (1) H8—Recovery Operations.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-63T-1*. Physical requirements.
- (2) *Table 10-63T-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-63T-3*. Standards of grade TDA.

#### **10–175. 63W—Wheel Vehicle Repairer (Wh Veh Rep), CMF 63**

*a. Major duties.* The wheel vehicle repairer performs direct support and general support (DS/GS) maintenance on wheel vehicles, material handling equipment (MHE) (less propulsion motor on electrical MHE), trailers, and associated items. Duties for MOS 63W at each level of skill are:

(1) *MOSC 63W10*. Repairs diesel power plants/packs, wheel vehicle clutch assemblies, compression ignition engine fuel systems, compression ignition air induction systems, vehicle liquid cooling systems, wheel vehicle chassis electrical systems, standard transmission assemblies, automatic transmission assemblies, air controlled semiautomatic transmission assemblies, transfer assemblies, axle assemblies air (wedge, s-cam) brake systems, wheel vehicle hub assemblies, wheel vehicle mechanical (manual) steering systems, wheel vehicle hydraulic (power) steering systems, and articulated steering systems. Repairs wheel vehicle using battlefield damage assessment and repair (BDAR).

(2) *MOSC 63W20*. Performs duties in preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in the accomplishment of their duties.

*b. Physical demands rating and qualifications for initial award of MOS.* Wheel vehicle repairers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222232.
- (3) Normal color vision.
- (4) A minimum score of 90 in aptitude area MM.
- (5) Current equipment qualification record for all types of equipment maintained.
- (6) Formal training (completion of MOS 63W course conducted under the auspices of the USA Ordnance Center and School) mandatory.

*c. Additional skill identifiers.*

- (1) H8—Recovery Operations.
- (2) P5—Master Fitness Trainer.
- (3) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) Table 10-63W-1. Physical requirements.
- (2) Table 10-63W-2. Standards of grade TOE/MTOE.
- (3) Table 10-63W-3. Standards of grade TDA.

#### **10-176. 63Y—Track Vehicle Mechanic (Track Veh Mech), CMF 63**

a. *Major duties.* The track vehicle mechanic performs unit maintenance on track vehicles in other than self-propelled field artillery, armored, mechanized infantry, and armored cavalry units. Duties for MOS 63Y at each level of skill are:

(1) *MOSC 63Y10.* Troubleshoots and performs unit maintenance on internal combustion engines and accessories, powertrains, and chassis components of track vehicles. Performs repairs and preventive maintenance checks and service. Tests lead acid batteries for serviceability. Prepares vehicles for operation under abnormal conditions by sealing, waterproofing, and servicing with special fuel and lubricants. Performs unit maintenance to correct malfunctions of mechanical, electrical, and hydraulic systems or components. Performs preventive maintenance on tools, repair parts, assigned vehicles and shop equipment adjusts operating mechanisms. Tunes engines and replaces repair parts and components as outlined in the appropriate maintenance allocation charts. Tests and operates vehicles and equipment as required and observes for evidence of abnormal operation. Operates, or assists in the operation of, track vehicles in conjunction with maintenance and recovery operation. Interprets schematic diagrams. Determines extent of corrective action and repair parts procedures required. Uses hand tools and carries toolbox. Uses power tools and equipment. Obtains replacement parts from maintenance parts supply section. Performs or assists in vehicle recovery and evacuation operations of track vehicles. Maneuvers wrecker to desired position. Uses recovery rigging techniques to attach and secure hoists, cables, and slings using authorized equipment, and effects recovery operations. Performs basic oxyacetylene cutting. Performs operator maintenance on recovery vehicles. Uses proper tactical radio procedures.

(2) *MOSC 63Y20.* Diagnoses and troubleshoots malfunctions in the automotive systems and components at the unit maintenance level. Troubleshoots to component level. Isolates and identifies causes of malfunctions. Operates vehicles for diagnosis and inspection purposes. Interprets complex schematic diagrams. Aligns and adjusts assemblies and components or supervises lower grades in performing these functions to ensure that equipment is functioning within prescribed limits and tolerances. Supervises removal and installation of power plants, conducts OJT. Completes applicable maintenance forms and records.

b. *Physical demands rating and qualifications for initial award of MOS.* Track vehicle mechanics must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area MM.
- (5) Current equipment qualification record for all types of equipment maintained.
- (6) Formal training (completion of MOS 63Y course conducted under the auspices of the USA Ordnance Center and School) mandatory.

c. *Additional skill identifiers.*

- (1) H8—Recovery Operations.
- (2) P5—Master Fitness Trainer.
- (3) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) Table 10-63Y-1. Physical requirements.
- (2) Table 10-63Y-2. Standards of grade TOE/MTOE.

- (3) Table 10-63Y-3. Standards of grade TDA.

#### **10-177. 63Z—Mechanical Maintenance Supervisor (Mech Maint Supv), CMF 63**

a. *Major duties.* The mechanical maintenance supervisor supervises, plans, coordinates, and directs the unit, direct support and general support (DS/GS) maintenance of all mechanical equipment.

(1) Serving as principal maintenance or operations NCO in maintenance battalion or higher level organization.

(2) Supervising personnel performing the duties of—

- (a) Machinist (44E40).
- (b) Armament/fire control maintenance supervisor (45Z40).
- (c) Construction equipment repairer (62B40).
- (d) Track vehicle repairer (63H40).

b. *Physical demands rating and qualifications for initial award of MOS.* Mechanical maintenance supervisors (63Z50) must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 323232.
- (3) Minimum score in aptitude area—N/A.
- (4) Must hold MOS 44E, 45Z, 52X, 62B, or 63H prior to award of MOS 63Z (MSG).
- (5) Must hold MOS 63B, 63D, 63E, 63N, 63T, or 63Z (MSG) prior to award of MOS 63Z (SGM).

c. *Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) Table 10-63Z-1. Physical requirements.
- (2) Table 10-63Z-2. Standards of grade TOE/MTOE.
- (3) Table 10-63Z-3. Standards of grade TDA.

#### **10-178. 67G—Utility Airplane Repairer (Util Airplane Rep) (Reserve Components), CMF 67**

a. *Major duties.* The utility airplane repairer supervises and performs maintenance on utility airplanes, excluding repair of systems components. Duties for MOS 67G at each level of skill are:

(1) *MOSC 67G10.* Removes and installs airplane subsystem assemblies such as engines, propellers, main wheels and their components. Services and lubricates aircraft and subsystems. Prepares aircraft for inspections and maintenance checks. Performs scheduled inspections and assists in performing special inspections. Performs limited maintenance operational checks and assists in diagnosing and troubleshooting aircraft subsystems using special tools and equipment as required. Uses and performs operator maintenance on tools, special tools and aircraft ground support equipment. Prepares forms and records related to aircraft maintenance.

(2) *MOSC 67G20.* Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Performs operational checks and scheduled inspections. Diagnoses and troubleshoots malfunctions in aircraft subsystems. Performs air crewmember duties.

(3) *MOSC 67G30.* Supervises and provides technical guidance to subordinate soldiers performing airplane and subsystem maintenance and evaluates the technical training program. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to airplane maintenance operations. Plans, conducts and supervises airplane technical inspections. Computes basic weight and balance records. Participates in maintenance test flights. Ensures compliance with aircraft configuration control, Army Oil Analysis Program and test measuring diagnostic calibration.

(4) *MOSC 67G40.* Supervises aircraft maintenance and technical inspection activities. Determines manhours, personnel, parts and facility requirements to repair airplanes and associated equipment.

Plans aircraft maintenance areas, component repair shops, and facilities. Instructs subordinates in aircraft repair and technical inspection techniques and procedures according to directives, technical manuals, work standards and operational policies. Maintains supply economy and discipline. Supervises the technical training program. Prepares evaluations, special reports and records pertaining to aircraft maintenance repair and related activities. Recommends and administers plans and policies.

*b. Physical demands rating and qualifications for initial award of MOS.* Utility airplane repairers (MOS 67G) must be in grade specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36362-5000.

(1) Utility airplane repairers must possess the following qualifications:

- (a) A physical demands rating of heavy.
- (b) A physical profile of 222211 (E2 to E6); 323222 (E7).
- (c) Normal color vision.
- (d) A minimum score of 105 in aptitude area MM.
- (e) Formal training (completion of appropriate nonresident instruction conducted under the auspices of USAAVNC or waiver issued by Cdr, USAAVNC) mandatory.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966 (Application for Enlistment Into the Armed Forces), SF 88 (Report of Medical Examination) or SF 93 (Report of Medical History). (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) Q2—Aviation Life Support Equipment (ALSE).
- (4) 2S—Battle Staff Operations (skill level 3 and above).

(5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-67G-1.* Physical requirements.
- (2) *Table 10-67G-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-67G-3.* Standards of grade TDA.

#### **10-179. 67H—Observation Airplane Repairer (Obsn Airplane Rep), CMF 67** *(Rescinded.)*

#### **10-180. 67N—UH-1 Helicopter Repairer (UH-1 Hel Rep), CMF 67**

*a. Major duties.* The UH-1 helicopter repairer supervises and performs maintenance on UH-1 helicopters, excluding repair of systems components. Duties for MOS 67N at each level of skill are:

(1) *MOSC 67N10.* Removes and installs aircraft subsystem assemblies such as engines, rotors, gearboxes, transmissions, mechanical flight controls and their components. Services and lubricates aircraft and subsystems. Prepares aircraft for inspections and maintenance checks. Performs scheduled inspections and assists in performing special inspections. Performs limited maintenance operational checks and assists in diagnosing and troubleshooting aircraft subsystems using special tools and equipment as required. Uses and performs operator maintenance on tools, special tools and aircraft ground support equipment. Prepares forms and records related to aircraft maintenance. Performs air crewmember duties.

(2) *MOSC 67N20.* Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Performs operational checks and scheduled inspections. Diagnoses and troubleshoots malfunctions in aircraft subsystems.

(3) *MOSC 67N30.* Supervises and provides technical guidance to subordinate personnel performing aircraft and subsystem maintenance and evaluates the technical training program. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to airplane maintenance operations. Plans, conducts and supervises aircraft technical inspections. Computes basic weight and balance records. Participates in maintenance test flights. Ensures compliance with aircraft configuration control, Army Oil Analysis Program and test measuring diagnostic calibration.

*b. Physical demands rating and qualifications for initial award of MOS.* UH-1 helicopter repairers (MOS 67N) must be in grade specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2 or 18 months at skill level 3. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36362-5000.

(1) UH-1 helicopter repairers must possess the following qualifications:

- (a) A physical demands rating of very heavy.
- (b) A physical profile of 222211.
- (c) Normal color vision.
- (d) A minimum score of 105 in aptitude area MM.

(e) Formal training (completion of a resident MOS 67N course conducted under the auspices of the U.S. Army Aviation School) mandatory or meet the Army Civilian Acquired Skills Program (ACASP) criteria listed in AR 601-210. Waiver for formal training or ACASP criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical

Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed involuntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88, or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) Q2—Aviation Life Support Equipment (ALSE).
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-67N-1.* Physical requirements.
- (2) *Table 10-67N-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-67N-3.* Standards of grade TDA.

**10-181. 67R—AH-64 Attack Helicopter Repairer (AH-64 Attack Hel Rep), CMF 67**

*a. Major duties.* The AH-64 attack helicopter repairer supervises and performs maintenance on AH-64 attack helicopters, excluding repair of systems components. Duties for MOS 67R at each level of skill are:

(1) *MOSC 67R10.* Removes and installs aircraft subsystem assemblies such as engines, rotors, gearboxes, transmissions, mechanical flight controls and their components. Services and lubricates aircraft and subsystems. Prepares aircraft for inspections and maintenance checks. Performs scheduled inspections and assists in performing special inspections. Performs limited maintenance operational checks and assists in diagnosing and troubleshooting aircraft subsystems using special tools and equipment as required. Uses and performs operator maintenance on tools, special tools and aircraft ground support equipment. Prepares forms and records related to aircraft maintenance. Performs air crewmember duties as required.

(2) *MOSC 67R20.* Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Performs operational checks and scheduled inspections. Diagnoses and troubleshoots malfunctions in aircraft subsystems.

(3) *MOSC 67R30.* Supervises and provides technical guidance to subordinate soldiers performing aircraft and subsystem maintenance and evaluates the technical training program. Evaluates maintenance

operations and facilities for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to airplane maintenance operations. Plans, conducts and supervises aircraft technical inspections. Computes basic weight and balance records. Participates in maintenance test flights. Ensures compliance with aircraft configuration control, Army Oil Analysis Program and test measuring diagnostic calibration.

(4) *MOSC 67R40.* Supervises aircraft maintenance and technical inspection activities. Determines manhours, personnel, parts and facility requirements to repair aircraft and associated equipment. Plans aircraft maintenance areas, component repair shops and facilities. Instructs subordinates in aircraft repair and technical inspection techniques and procedures according to directives, technical manuals, work standards and operational policies. Maintains supply economy and discipline. Supervises the technical training program. Prepares evaluations, special reports and records pertaining to aircraft maintenance repair and related activities. Recommends and administers plans and policies.

*b. Physical demands rating and qualifications for initial award of MOS.* AH-64 attack helicopter repairers (MOS 67R) must be in grade specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36362-5000.

(1) AH-64 attack helicopter repairers must possess the following qualifications:

- (a) A physical demands rating of moderately heavy.
- (b) A physical profile of 222211.
- (c) Normal color vision.
- (d) A minimum score of 100 in aptitude area MM.

(e) Formal training (completion of a resident MOS 67R course conducted under the auspices of the U.S. Army Aviation School) mandatory. Waiver for formal training criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for

teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88, or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) Q2—Aviation Life Support Equipment (ALSE).
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-67R-1.* Physical requirements.
- (2) *Table 10-67R-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-67R-3.* Standards of grade TDA.

### **10-182. 67S—OH-58D Helicopter Repairer (OH-58D Helicopter Rep), CMF 67**

*a. Major duties.* The OH-58D helicopter repairer supervises and performs maintenance on OH-58D helicopters, excluding repair of systems components. Duties for MOS 67S at each skill level are:

(1) *MOSC 67S10.* Removes and installs aircraft subsystem assemblies such as engines, rotors, gearboxes, transmissions, mechanical flight controls and their components. Services and lubricates aircraft and subsystems. Prepares aircraft for inspections and maintenance checks. Performs scheduled inspections and assists in performing special inspections. Performs limited maintenance operational checks and assists in diagnosing and troubleshooting aircraft subsystems using special tools and equipment as required. Uses and performs operator maintenance on tools, special tools and aircraft ground support equipment. Prepares forms and records related to aircraft maintenance. Performs air crewmember duties.

(2) *MOSC 67S20.* Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Performs operational checks and scheduled inspections. Diagnoses and troubleshoots malfunctions in aircraft subsystems.

(3) *MOSC 67S30.* Supervises and provides technical guidance to subordinate soldiers performing aircraft and subsystem maintenance and evaluates the technical training program. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to airplane maintenance operations. Plans, conducts and supervises airplane technical inspections. Computes basic weight and balance records. Participates in maintenance test flights. Ensures compliance with aircraft configuration control, Army Oil Analysis Program and test measuring diagnostic calibration.

(4) *MOSC 67S40.* Determines requirements and supervises maintenance activities. Determines manhours, personnel and parts requirements to repair helicopters and associated equipment. Coordinates work requirements, assigns duties and instructs subordinates in helicopter repair work techniques and procedures according to directives, technical manuals, work standards and operational policies. Supervises and applies production control, quality control and other maintenance management principles and procedures to aircraft maintenance. Advises and guides personnel in diagnosing complex malfunctions. Maintains supply economy and discipline. Supervises the helicopter technical training program. Prepares evaluations, special reports and records pertaining to helicopter maintenance repair and related activities. Supervises and controls the flow of work orders, requisitions, recurring reports and correspondence. Assists and administers plans and policies. Recommends maintenance facilities requirements. Plans and lays out helicopter maintenance areas, component repair shops and facilities.

*b. Physical demands rating and qualifications for initial award of*

*MOS.* OH-58D helicopter repairers (MOS 67S) must be in grade specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 and 24 months at skill level 4. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36362-5000.

(1) OH-58D helicopter repairers must possess the following qualifications:

- (a) A physical demands rating of very heavy.
- (b) A physical profile of 222211.
- (c) Normal color vision.
- (d) A minimum score of 100 in aptitude area MM.
- (e) Formal training (completion of a resident MOS 67S course conducted under the auspices of the U.S. Army Aviation School) mandatory. Waiver for formal training criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendation of the chain of command the Cdr, USA Aeromedical Center. A soldier/Potential enlistee who completes any aspect of the ADAPCP program is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Conviction includes juvenile adjudication, non-judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non-judicial punishment under AR 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88, or SF 93. (Experimentation is defined as one time use of casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlisted in any armed force.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) Q2—Aviation Life Support Equipment (ALSE).
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-67S-1.* Physical requirements.
- (2) *Table 10-67S-2.* Standards of grade TOE/MTOE.

(3) *Table 10-67S-3*. Standards of grade TDA.

**10-183. 67T—UH-60 Helicopter Repairer (UH-60 Hel Rep), CMF 67**

*a. Major duties.* The UH-60 helicopter repairer supervises and performs maintenance on UH-60 helicopters, excluding repair of systems components. Duties for MOS 67T at each level of skill are:

(1) *MOSC 67T10*. Performs and installs aircraft subsystem assemblies such as engines, rotors, gearboxes, transmissions, mechanical flight controls and their components. Services and lubricates aircraft and subsystems. Prepares aircraft for inspections and maintenance checks. Performs scheduled inspections and assists in performing special inspections. Performs limited maintenance operational checks and assists in diagnosing and troubleshooting aircraft subsystems using special tools and equipment as required. Uses and performs operator maintenance on tools, special tools and aircraft ground support equipment. Prepares forms and records related to aircraft maintenance. Performs air crewmember duties.

(2) *MOSC 67T20*. Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Performs operational checks and scheduled inspections. Diagnoses and troubleshoots malfunctions in aircraft subsystems.

(3) *MOSC 67T30*. Supervises and provides technical guidance to subordinate personnel performing aircraft and subsystem maintenance and evaluates the technical training program. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to airplane maintenance operations. Plans, conducts and supervises aircraft technical inspections. Computes basic weight and balance records. Participates in maintenance test flights. Ensures compliance with aircraft configuration control, Army Oil Analysis Program, and test measuring diagnostic calibration.

(4) *MOSC 67T40*. Supervises aircraft maintenance and technical inspection activities. Determines man-hours, personnel, parts and facility requirements to repair aircraft and associated equipment. Plans aircraft maintenance areas, component repair, shops, and facilities. Instructs subordinates in aircraft repair and technical inspection techniques and procedures according to directives, technical manuals, work standards, and operational policies. Maintains supply economy and discipline. Supervises the technical training program. Prepares evaluations, special reports, and records pertaining to aircraft maintenance repair and related activities. Recommends and administers plans and policies.

*b. Physical demands rating and qualifications for initial award of MOS.* UH-60 helicopter repairers (MOS 67T) must be in grade specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36363-5000.

(1) UH-60 helicopter repairers must possess the following additional qualifications:

(a) A physical demands rating of very heavy.

(b) A physical profile of 222211.

(c) Normal color vision.

(d) A minimum score of 105 in aptitude area MM.

(e) Formal training (completion of a resident MOS 67T course conducted under the auspices of the U.S. Army Aviation School) mandatory or meet the ACASP criteria in AR 601-210. Waiver for formal training or ACASP criteria must be submitted to Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36362 for approval.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in

the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1987 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, distribution, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court, juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

(1) A2—Aviation Safety.

(2) P5—Master Fitness Trainer.

(3) Q2—Aviation Life Support Equipment (ALSE).

(4) 2S—Battle Staff Operations (skill level 3 and above).

(5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-67T-1*. Physical requirements.

(2) *Table 10-67T-2*. Standards of grade TOE/MTOE.

(3) *Table 10-67T-3*. Standards of grade TDA.

**10-184. 67U—CH-47 Helicopter Repairer (CH-47 Hel Rep), CMF 67**

*a. Major duties.* The CH-47 helicopter repairer supervises and performs maintenance on CH-47 helicopters, excluding repair of systems components. Duties for MOS 67U at each level of skill are:

(1) *MOSC 67U10*. Removes and installs aircraft subsystem assemblies such as engines, rotors, gearboxes, transmissions, mechanical flight controls, and their components. Services and lubricates aircraft and subsystems. Prepares aircraft for inspections and maintenance checks. Performs scheduled inspections and assists in performing special inspections. Performs limited maintenance operational checks and assists in diagnosing and troubleshooting aircraft subsystems using special tools and equipment as required. Uses and performs operator maintenance on tools, special tools and aircraft ground support equipment. Prepares forms and records related to aircraft maintenance.

(2) *MOSC 67U20*. Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Performs operational checks and scheduled inspections. Diagnoses and troubleshoots malfunctions in aircraft subsystems. Performs air crewmember duties.

(3) *MOSC 67U30*. Performs air crewmember duties. Supervises and provides technical guidance to subordinate personnel performing aircraft and subsystem maintenance and evaluates the technical training program. Evaluates maintenance operations and facilities

for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to airplane maintenance operations. Plans, conducts, and supervises aircraft technical inspections. Computes basic weight and balance records. Participates in maintenance test flights. Ensures compliance with aircraft configuration control, Army Oil Analysis Program and test measuring diagnostic calibration.

(4) *MOSC 67U40*. Supervises aircraft maintenance and technical inspection activities. Determines man-hours, personnel, parts and facility requirements to repair aircraft and associated equipment. Plans aircraft maintenance areas, component repair shops and facilities. Instructs subordinates in aircraft repair and technical inspection techniques and procedures according to directives, technical manuals, work standards and operational policies. Maintains supply economy and discipline. Supervises the technical training program. Prepares evaluations, special reports, and records pertaining to aircraft maintenance repair and related activities. Recommends and administers plans and policies.

*b. Physical demands rating and qualifications for initial award of MOS.* CH-47 helicopter repairers (MOS 67U) must be in grade specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36363-5000.

(1) CH-47 helicopter repairers must possess the following additional qualifications:

(a) A physical demands rating of very heavy.

(b) A physical profile of 222211.

(c) Normal color vision.

(d) A minimum score of 105 in aptitude area MM.

(e) Formal training (completion of a resident MOS 67U course conducted under the auspices of the U.S. Army Aviation School) mandatory or meet the ACASP criteria listed in AR 601-210. Waiver for formal training or ACASP criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non-judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

(1) A2—Aviation Safety.

(2) N1—Aircraft Crewmember Standardization Instruction.

(3) P5—Master Fitness Trainer.

(4) Q2—Aviation Life Support Equipment (ALSE).

(5) 2S—Battle Staff Operations (skill level 3 and above).

(6) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-67U-1*. Physical requirements.

(2) *Table 10-67U-2*. Standards of grade TOE/MTOE.

(3) *Table 10-67U-3*. Standards of grade TDA.

### **10-185. 67V—Observation/Scout Helicopter Repairer (Obsn/Scout Hel Rep), CMF 67**

*a. Major duties.* The observation/scout helicopter repairer supervises and performs maintenance on observation/scout helicopters, excluding repair of systems components. Duties for MOS 67V at each level of skill are:

(1) *MOSC 67V10*. Removes and installs aircraft subsystem assemblies such as engines, rotors, gearboxes, transmissions, mechanical flight controls and their components. Services and lubricates aircraft and subsystems. Prepares aircraft for inspections and maintenance checks. Performs scheduled inspections and assists in performing special inspections. Performs limited maintenance operational checks and assists in diagnosing and troubleshooting aircraft subsystems using special tools and equipment as required. Uses and performs operator maintenance on tools, special tools and aircraft ground support equipment. Prepares forms and records related to aircraft maintenance. Performs air crewmember duties as required.

(2) *MOSC 67V20*. Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Performs operational checks and scheduled inspections. Diagnoses and troubleshoots malfunctions in aircraft subsystems.

(3) *MOSC 67V30*. Supervises and provides technical guidance to subordinate personnel performing aircraft and subsystem maintenance and evaluates the technical training program. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to airplane maintenance operations. Plans, conducts and supervises aircraft technical inspections. Computes basic weight and balance records. Participates in maintenance test flights. Ensures compliance with aircraft configuration control, Army Oil Analysis Program and test measuring diagnostic calibration.

*b. Physical demands rating and qualifications for initial award of MOS.* Observation/scout helicopter repairers (MOS 67V) must be in grade specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36363-5000.

(1) Observation/scout helicopter repairers must possess the following qualifications:

(a) A physical demands rating of heavy.

(b) A physical profile of 222211.

(c) Normal color vision.

(d) A minimum score of 105 in aptitude area MM.

(e) Formal training (completion of a resident MOS 67V course

(conducted under the auspices of the U.S. Army Aviation School) mandatory. Waiver for formal training must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

c. *Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) Q2—Aviation Life Support Equipment (ALSE).
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-67V-1.* Physical requirements.
- (2) *Table 10-67V-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-67V-3.* Standards of grade TDA.

### **10-186. 67Y-AH-1 Attack Helicopter Repairer (AH-1 Attack Hel Rep), CMF 67**

a. *Major duties.* The AH-1 attack helicopter repairer supervises and performs maintenance on AH-1 helicopters, excluding repair of systems components. Duties for MOS 67Y at each level of skill are:

(1) *MOSC 67Y10.* Removes and installs aircraft subsystem assemblies such as engines, rotors, gearboxes, transmissions, mechanical flight controls and their components. Services and lubricates aircraft and subsystems. Prepares aircraft for inspections and maintenance checks. Performs scheduled inspections and assists in performing special inspections. Performs limited maintenance operational checks and assists in diagnosing and troubleshooting aircraft subsystems using special tools and equipment as required. Uses and performs operator maintenance on tools, special tools and

aircraft ground support equipment. Prepares forms and records related to aircraft maintenance. Performs air crewmember duties as required.

(2) *MOSC 67Y20.* Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Performs operational checks and scheduled inspections. Diagnoses and troubleshoots malfunctions in aircraft subsystems.

(3) *MOSC 67Y30.* Supervises and provides technical guidance to subordinate personnel performing aircraft and subsystem maintenance and evaluates the technical training program. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to airplane maintenance operations. Plans, conducts and supervises aircraft technical inspections. Computes basic weight and balance records. Participates in maintenance test flights. Ensures compliance with aircraft configuration control, Army Oil Analysis Program and test measuring diagnostic calibration.

(4) *MOSC 67Y40.* Supervises aircraft maintenance and technical inspection activities. Determines manhours, personnel, parts and facility requirements to repair aircraft and associated equipment. Plans aircraft maintenance areas, component repair shops and facilities. Instructs subordinates in aircraft repair and technical inspection techniques and procedures according to directives, technical manuals, work standards and operational policies. Maintains supply economy and discipline. Supervises the technical training program. Prepares evaluations, special reports, and records pertaining to aircraft maintenance repair and related activities. Recommends and administers plans and policies.

b. *Physical demands rating and qualifications for initial award of MOS.* AH-1 attack helicopter repairers (MOS 67Y) must be in grade specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36363-5000. at skill level 2 must have held a CMF 67 MOS for a minimum of 12 months. The minimum for skill level 3 is 18 months. The minimum for skill level 4 is 24 months.

(1) AH-1 attack helicopter repairers must possess the following qualifications:

- (a) A physical demands rating of very heavy.
- (b) A physical profile of 222211.
- (c) Normal color vision.
- (d) A minimum score of 105 in aptitude area MM.

(e) Formal training (completion of a resident MOS 67Y course conducted under the auspices of the U.S. Army Aviation School) mandatory. Waiver for formal training criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of “no diagnosis apparent, improper use” is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual’s 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) Q2—Aviation Life Support Equipment (ALSE).
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-67Y-1.* Physical requirements.
- (2) *Table 10-67Y-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-67Y-3.* Standards of grade TDA.

**10-187. 67Z—Aircraft Maintenance Senior Sergeant (Acft Maint Sr Sgt), CMF 67**

*a. Major duties.* The aircraft maintenance senior sergeant supervises aviation unit maintenance (AVUM), intermediate (AVIM), and depot maintenance in activities having a mix of aircraft maintenance and/or component repair MOS. Prepares studies, evaluations, special reports, and records pertaining to aircraft maintenance, component repair, and related activities. Plans aircraft maintenance areas, components repair shops, and facilities. Applies production control, quality control and other maintenance management principles and procedures to aircraft maintenance and shop operations. Supervises the verification and validation of technical manuals, training devices and contractor furnished training material pertaining to new aircraft and/or component fielding. Supervises research and development projects in aviation and related areas. Assists in the development of maintenance procedures for prototype aircraft and components. Supervises the development and instruction of training programs. Recommends and establishes plans, policies and procedures for aircraft maintenance operations. Maintains supply economy and discipline.

*b. Physical demands rating and qualifications for initial award of MOS.*

(1) Aircraft maintenance senior sergeants (MOS 67Y) must be in grade specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36363-5000.

(a) Physical demands rating—N/A.

(b) A physical profile of 323222.

(c) Minimum score in aptitude area— N/A.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical

Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of “no diagnosis apparent, improper use” is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual’s 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-67Z-1.* Physical requirements.
- (2) *Table 10-67Z-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-67Z-3.* Standards of grade TDA.

**10-188. 68B—Aircraft Powerplant Repairer (Acft Powerplant Rep), CMF 67**

*a. Major duties.* The aircraft powerplant repairer supervises, inspects and performs aviation unit (AVUM), intermediate (AVIM) and depot maintenance on aircraft turbine engines and components. Duties for MOS 68B at each level of skill are:

(1) *MOSC 68B10.* Removes, replaces, services, prepares, preserves, cleans and stores engine assemblies or components. Disassembles, repairs, resembles, adjusts, diagnostically tests turbine engine systems, subsystems and components according to directives. Assists in troubleshooting engines and rigging engine controls. Performs limited maintenance operational checks. Uses and performs user maintenance on common and special tools. Requisitions and maintains shop and bench stock for repair of aircraft engines. Prepares request for turn-ins and repair parts and engine components. Prepares forms and records related to MOS.

(2) *MOSC 68B20.* Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Diagnoses and troubleshoots malfunctions in aircraft engines and their components. Participates in maintenance test flights as required.

(3) *MOSC 68B30.* Supervises and provides technical guidance to subordinate personnel performing aircraft powerplant maintenance. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to aircraft engine maintenance

and shop operations. Instructs personnel and conducts technical training in aircraft engine system maintenance, supply and safety techniques. Evaluates the technical training program. Monitors requisition of parts, tools, and supplies.

*b. Physical demands rating and qualifications for initial award of MOS.* Aircraft powerplant repairers (MOS 68B) must be in grade specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36363-5000.

(1) Aircraft powerplant repairers must possess the following additional qualifications:

- (a) A physical demands rating of very heavy.
- (b) A physical profile of 222222.
- (c) Normal color vision.
- (d) A minimum score of 105 in aptitude area MM.

(e) Formal training (completion of a resident MOS 68B course conducted under the auspices of the U.S. Army Aviation School) mandatory or meet the ACASP criteria listed in AR 601-210. Waiver for formal training or ACASP criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-68B-1.* Physical requirements.
- (2) *Table 10-68B-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-68B-3.* Standards of grade TDA.

## **10-189. 68D—Aircraft Powertrain Repairer (Acft Powertrain Rep), CMF 67**

*a. Major duties.* The aircraft powertrain repairer supervises, inspects and performs aviation unit (AVUM), intermediate (AVIM) and depot maintenance on aircraft powertrain systems. Duties for MOS 68D at each level of skill are:

(1) *MOSC 68D10.* Removes and replaces powertrain quills, transmissions adapting parts, rotary wing hub and tanks. Disassembles friction dampers and hanger assemblies. Disassembles, repairs, reassembles, adjusts, balances and aligns powertrain components, systems and subsystems to include main and tail rotor hub assemblies according to directives. Applies corrosion preventative procedures. Cleans, preserves and stores powertrain components. Performs nondestructive inspections on aircraft components and related items. Uses and performs operator maintenance on ground support equipment, common and special tools. Maintains facilities for storage of flammable and hazardous materials. Requisitions and maintains shop and bench stock for repair of aircraft powertrain systems and subsystems. Prepares request for turn-ins and repair parts for powertrain components. Prepares forms and records related to aircraft maintenance.

(2) *MOSC 68D20.* Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Diagnoses and troubleshoots malfunctions in aircraft powertrain components and their subcomponents. Participates in maintenance test flights as required.

(3) *MOSC 68D30.* Supervises and provides technical guidance to subordinate personnel performing aircraft powertrain system maintenance and nondestructive inspection. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to aircraft powertrain system maintenance, nondestructive inspection and shop operations. Instructs personnel and conducts technical training in aircraft powertrain system maintenance, nondestructive inspection, supply and safety techniques. Evaluates the technical training program. Monitors requisition of parts, tools, and supplies.

*b. Physical demands rating and qualifications for initial award of MOS.* Aircraft powertrain repairers

- (a) A physical demands rating of very heavy.
- (b) A physical profile of 222222.
- (c) Normal color vision.
- (d) A minimum score of 105 in aptitude area MM.

(e) Formal training (completion of a resident MOS 68D course conducted under the auspices of the U.S. Army Aviation School) mandatory or meet the ACASP criteria listed in AR 601-210. Waiver for formal training or ACASP criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol

or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) N2—Nondestructive Test Equipment.
- (3) P5—Master Fitness Trainer.
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-68D-1.* Physical requirements.
- (2) *Table 10-68D-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-68D-3.* Standards of grade TDA.

### **10—190. 68F—Aircraft Electrician (Acft Elec), CMF 67**

*a. Major duties.* The aircraft electrician supervises, inspects and performs aviation unit (AVUM), intermediate (AVIM) and depot electrical maintenance on aircraft electrical systems. Duties for MOS 68F at each level of skill are:

(1) *MOSC 68F10.* Diagnoses and troubleshoots malfunctions in electrical and electronic components, including solid state and transistorized subsystems. Repairs aircraft instrument systems. Applies principles of electricity/electronics, hydrostatic motion, pneumatics and hydraulics applicable to repair aircraft instrument systems. Removes, installs, repairs, adjusts and tests electrical/electronic elements of assemblies and components according to technical manuals, directives and safety procedures. Cleans, preserves, and stores electrical/electronic components and aircraft instruments. Remove, repair, services, installs, and troubleshoots nickel-cadmium batteries. Uses and performs operator maintenance on common and special tools. Requisitions and maintains shop and bench stock for repair of aircraft electrical systems. Prepares forms and records related to aircraft maintenance.

(2) *MOSC 68F20.* Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Participates in maintenance test flights as required.

(3) *MOSC 68F30.* Supervises and provides technical guidance to subordinate personnel performing aircraft electrical and instrument system maintenance. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to aircraft electrical and instrument system maintenance, and shop operations.

Instructs personnel and conducts technical training in aircraft electrical and instrument system maintenance, supply and safety techniques. Evaluates the technical training program. Monitors requisition of parts, tools, and supplies.

*b. Physical demands rating and qualifications for initial award of MOS.* Aircraft electricians (MOS 68F) must be in grade specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36363-5000.

(1) Aircraft electricians must possess the following additional qualifications:

- (a) A physical demands rating of very heavy.
- (b) A physical profile of 222222.
- (c) Normal color vision.
- (d) A minimum score of 105 in aptitude area MM.

(e) Formal training (completion of a resident MOS 68F course conducted under the auspices of the U.S. Army Aviation School) mandatory or meet the ACASP criteria listed in AR 601-210. Waiver for formal training or ACASP criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) W5—OH-58D Qualification.
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-68F-1*. Physical requirements.
- (2) *Table 10-68F-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-10-68F-3*. Standards of grade TDA.

### **10—191. 68G—Aircraft Structural Repairer (Acft Structural Rep), CMF 67**

*a. Major duties.* The aircraft structural repairer supervises and performs aviation unit (AVUM), intermediate (AVIM) and depot maintenance on aircraft structures. Duties for MOS 68G at each level of skill are:

(1) *MOSC 68G10*. Repairs and replaces aircraft structural components to include stingers, longerons, bulkheads, beams and aircraft skin according to drawings, blueprints, directives, technical manuals and safety procedures. Fabricates structural parts, forming blocks and shapes metal using stretching, shrinking, and other metal forming techniques. Mixes and applies fiberglass materials. Makes emergency and permanent repairs to transparent plastic windows and enclosures. Uses common measuring tools, precision measuring gages and alignment fixtures to perform structural repairs. Balances fixed-wing aircraft controls such as flaps and ailerons. Mixes and applies primers and paints to aircraft surfaces. Applies corrosion control treatment to aircraft metals. Requisitions and maintains shop and bench stock for repair of aircraft structures. Maintains facilities for storage of flammable and hazardous materials. Uses and performs operator maintenance on common and special tools. Prepares forms and records related to aircraft maintenance.

(2) *MOSC 68G20*. Performs duties described in paragraph (1) and provides technical guidance to subordinate soldiers.

(3) *MOSC 68G30*. Supervises and provides technical guidance to subordinate personnel performing aircraft structural system maintenance. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs maintenance trend analysis and applies production control, quality control, and other maintenance management principles and procedures to aircraft structural system maintenance and shop operations. Instructs personnel and conducts technical training in aircraft structural system maintenance, supply, and safety techniques. Evaluates the technical training program. Monitors requisition of parts, tools, and supplies.

*b. Physical demands rating and qualifications for initial award of MOS.* Aircraft structural repairers (MOS 68G) must be in grade specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36363-5000.

(1) Aircraft structural repairers must possess the following additional qualifications:

- (a) A physical demands rating of heavy.
- (b) A physical profile of 222222.
- (c) Normal color vision.
- (d) A minimum score of 105 in aptitude area MM.

(e) Formal training (completion of a resident MOS 68G course conducted under the auspices of the U.S. Army Aviation School) mandatory or meet the ACASP criteria listed in AR 601-210. Waiver for formal training or ACASP criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of

the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of “no diagnosis apparent, improper use” is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual’s 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-68G-1*. Physical requirements.
- (2) *Table 10-68G-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-68G-3*. Standards of grade TDA.

### **10—192. 68H—Aircraft Pneudraulics Repairer (Acft Pneudraulics Rep), CMF 67**

*a. Major duties.* The aircraft pneudraulics repairer supervises, inspects and performs aviation unit (AVUM), intermediate (AVIM) and depot maintenance on aircraft pneudraulics systems. Duties for MOS 68H at each level of skill are:

(1) *MOSC 68H10*. Removes, repairs, replaces, adjusts and tests pneudraulics systems, subsystems, assemblies, and components according to technical manuals, directives, and safety procedures. Fabricates tubes and hoses. Diagnoses and troubleshoots malfunctions to pneudraulics systems and subsystems or component. Uses and performs operator maintenance on common and special tools. Maintains and stores hydraulic fluids and other flammable materials. Requisitions and maintains shop and bench stock for repair of aircraft pneudraulics systems. Prepares forms and records related aircraft maintenance.

(2) *MOSC 68H20*. Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel.

(3) *MOSC 68H30*. Supervises and provides technical guidance to subordinate personnel performing aircraft pneudraulics system maintenance. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to aircraft pneudraulics system maintenance and shop operations. Instructs personnel and conducts technical training in aircraft pneudraulics system maintenance, supply, and safety techniques. Evaluates the technical training program. Monitors requisition of parts, tools, and supplies.

*b. Physical demands rating and qualifications for initial award of MOS.* Aircraft pneudraulics repairers (MOS 68H) must be in grade

specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36363-5000.

(1) Aircraft pneudraulics repairers must possess the following additional qualifications:

- (a) A physical demands rating of heavy.
- (b) A physical profile of 222222.
- (c) Normal color vision.
- (d) A minimum score of 105 in aptitude area MM.
- (e) Formal training (completion of a resident MOS 67S course conducted under the auspices of the U.S. Army Aviation School) mandatory or meet the ACASP criteria listed in AR 601-210. Waiver for formal training or ACASP criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-68H-1.* Physical requirements.
- (2) *Table 10-68H-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-68H-3.* Standards of grade TDA.

**10-193. 68J—Aircraft Armament/Missile Systems Repairer (Acft Armt/Msl Sys Rep), CMF 67**

*a. Major duties.* The aircraft armament/missile systems repairer performs aviation unit (AVUM), intermediate (AVIM) and depot maintenance on electrical, electronic, mechanical and pneudraulics systems associated with aircraft armament, missile, and fire control systems. Other major duties for MOS 68J at each level of skill are:

(2) *MOSC 68J10.* Maintains aircraft armament/missile systems to include electrical, electronic components, subsystems and pneudraulics according to technical manuals, directives and safety procedures. Performs maintenance, authorized modifications and alignment on aircraft weapon components, fire control units, sighting elements, electronic and mechanical devices. Performs operational checks, ammunition loading/unloading and weapon subsystems configuration changes for all aircraft fire control systems. Test/troubleshoots and repairs test sets and diagnostic equipment. Requisitions and maintains shop and bench stock for repair of aircraft armament/missile systems. Maintains facilities for storage of weapons, ammunition and weapons cleaning equipment and supplies. Uses and performs operator maintenance on common and special tools. Maintains records on weapons and subsystems. Prepares forms and records related to MOS.

(2) *MOSC 68J20.* Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Participates in maintenance test flights as required.

(3) *MOSC 68J30.* Supervises and provides technical guidance to subordinate personnel performing aircraft armament/missile system maintenance. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures and operational policies. Performs maintenance trend analysis and applies production control, quality control, and other maintenance management principles and procedures to aircraft armament/missile systems maintenance and shop operations. Supervises the establishment of the Forward Area Rearming Point (FARP). Instructs personnel and conducts technical training in aircraft armament/missile systems maintenance, supply and safety techniques. Evaluates the technical training program. Monitors requisition of parts, tools, and supplies.

(4) *MOS 68J40.* Supervises aircraft weapons and fire control systems maintenance and technical inspection activities. Determines manhours, personnel, parts, and facility requirements to repair aircraft weapons systems and associated equipment. Plans aircraft maintenance areas, component repair shops and facilities. Instructs subordinates in aircraft weapons systems repair and technical inspection techniques and procedures according to directives, technical manuals, work standards, and operational policies. Maintains supply economy and discipline. Supervises the armament/missile systems technical training program. Prepares evaluations, special reports and records pertaining to aircraft weapons and fire control systems maintenance and relate activities. Recommends and administers plans and policies.

*b. Physical demands rating and qualifications for initial award of MOS.* Aircraft armament/missile systems repairers (MOS 68J) must be in grade specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36363-5000.

(1) Aircraft armament/missile systems repairer must meet the following qualifications.

- (a) A physical demands rating of very heavy.
- (b) A physical profile of 222221.
- (c) Normal color vision.
- (d) Minimum scores of 95 in aptitude area EL and 100 in aptitude area MM.

(e) Formal training (completion of a resident MOS 68J course conducted under the auspices of the U.S. Army Aviation School) mandatory. Waiver for formal training criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

(2) Alcohol and drug abuse as defined below will disqualify any

soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) W5—OH-58D Qualification.
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-68J-1.* Physical requirements.
- (2) *Table 10-68J-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-68J-3.* Standards of grade TDA.

### **10-194. 68K—Aircraft Components Repair Supervisor (Acft Comp Repair Supv), CMF 67**

*a. Major duties.* The aircraft components repair supervisor supervises aviation unit (AVUM), intermediate (AVIM) and depot maintenance on aircraft components, aviation communications and other electronic/electrical systems associated with Army aircraft. The individual must be knowledgeable of the duties performed by personnel in MOS 68B, 68D, 68F, 68G, 68H, and 68N. Other major duties for MOS 68K are: Supervises aircraft component and avionics repair and technical inspection activities. Determines man-hours, personnel, parts and facility requirements to repair aircraft components, avionics and associated equipment. Plans aircraft maintenance areas, component and avionics repair shops, and facilities. Instructs subordinates in aircraft component and avionics repair and technical inspection techniques and procedures according to directives, technical manuals, work standards, and operational policies. Maintains supply economy and discipline. Supervises the component and avionics repair technical training program. Prepares evaluations, special reports and records pertaining to aircraft component repair

and related activities. Recommends and administers plans and policies.

*b. Physical demands rating and qualifications for initial award of MOS.* Aircraft component repair supervisors (68K40) must have held a CMF 67 MOS for a minimum of 24 months.

(1) Aircraft component repair supervisors (MOS 68K) must be in grade specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36363-5000.

(a) Physical demands rating—N/A.

(b) A physical profile of 323222.

(c) Normal color vision.

(d) Minimum score in aptitude area—N/A.

(e) formal training (completion of a resident MOS 68B, 68D, 68F, 68G, 68H or 68N course conducted under the auspices of the U.S. Army Aviation School or meeting the Army Civilian Acquired Skills Program (ACASP) criteria listed in AR 601-210 for one of the above feeder MOS) mandatory. Waivers for formal training or ACASP criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362-5000 for approval.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(3) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on there commendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(a) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(b) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(c) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(d) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-68K-1.* Physical requirements.
- (2) *Table 10-68K-2.* Standards of grade TOE/MTOE.

(3) *Table 10-68K-3*. Standards of grade TDA.

**10-195. 68L—Avionic Communications Equipment Repairer (Avionic Comm Eq Rep), CMF 67**  
(Rescinded.)

**10-196. 68N—Avionic Mechanic (Avionic Mech), CMF 67**

*a. Major duties.* The avionic mechanic performs unit and intermediate maintenance on tactical communications security (COMSEC), communication, navigation, identification friend or foe (IFF), and flight control equipment. Duties for MOS 68N at each level of skill are:

(1) *MOSC 68N10*. Repairs, replaces and performs operational and preventive checks and alignments on aircraft flight controls, stabilization systems, avionics and controlled cryptographic equipment. Troubleshoots equipment and traces avionic and cryptographic equipment wiring harnesses using technical manuals and schematic drawings to diagnose and isolate faults and effect repairs. Performs unit maintenance on special and common hand tools and test, measurement and diagnostic equipment. Requisitions and maintains shop and bench stock for repair of aircraft avionics equipment. Prepares forms and records related to aircraft maintenance.

(2) *MOSC 68N20*. Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Schedules maintenance on test, measurement, and diagnostic equipment. Alters or modifies material according to DA approved modification work orders.

(3) *MOSC 68N30*. Supervises and provides technical guidance to subordinate personnel performing maintenance of aircraft avionic, COMSEC, flight control, and stabilization equipment. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to avionic repair shop operations. Instructs personnel and conducts technical training in aircraft avionic, COMSEC, flight control, and stabilization equipment maintenance, supply, and safety techniques. Evaluates the technical training program. Monitors requisition of parts, tools and supplies.

*b. Physical demands rating and qualifications for initial award of MOS.* Aircraft avionics mechanic (MOS 68N) must be in grade specialist (E4) (non-promotable or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2 or 18 months at skill level 3. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362-5000.

(1) Aircraft avionics mechanic must meet the following qualifications:

(a) A physical demands rating of very heavy.

(b) A physical profile of 222221.

(c) Normal color vision.

(d) A minimum score of 95 in aptitude area EL.

(e) A security clearance of SECRET.

(f) Formal training (completion of a resident MOS 68N course conducted under the auspices of the U.S. Army Aviation School) mandatory or meet the ACASP criteria listed in AR 601-210. Waiver for formal training or ACASP criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

(2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II

or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered in accordance with AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

(1) A2—Aviation Safety.

(2) P5—Master Fitness Trainer.

(3) W5—OH-58D Qualification.

(4) X1—AH-64 Maintenance.

(5) 2S—Battle Staff Operations (skill level 3 and above).

(6) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-68N-1*. Physical requirements.

(2) *Table 10-68N-2*. Standards of grade TOE/MTOE.

(3) *Table 10-68N-3*. Standards of grade TDA.

**10-197. 68P—Avionic Maintenance Supervisor (Avionic Maint Supv), CMF 67**

*a. Major duties.* The avionic maintenance supervisor supervises aviation unit (AVUM), intermediate (AVIM), and depot maintenance of aviation communications, navigation, radar, flight control and other electronic/electrical systems associated with Army aircraft. Other major duties for MOS 68P are: Supervises aircraft avionics repair and technical inspection activities. Determines man-hours, personnel, parts and facility requirements to repair aircraft avionics and associated equipment. Plans aircraft maintenance areas, avionic repair shops and facilities. Instructs subordinates in aircraft avionics repair and technical inspection techniques and procedures according to directives, technical manuals, work standards, and operational policies. Maintains supply economy and discipline. Supervises the avionics repair technical training program. Prepares evaluations, special reports and records pertaining to aircraft avionic repair and related activities. Recommends and administers plans and policies.

*b. Physical demands rating and qualifications for initial award of MOS.* Avionic maintenance supervisors must possess the following qualifications:

(1) A physical demands rating is—N/A.

(2) A physical profile of 323222.

(3) Normal color vision.

(4) Minimum score in aptitude area—N/A.

(5) A security clearance of SECRET.

(6) Mandatory training in one of the feeder MOS or waiver granted by the Commander, USAAVNC.

(7) Alcohol and drug abuse as defined below will disqualify any

soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army alcohol or drug abuse rehabilitation program or a civilian equivalent, except as specified below.

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, third edition, 1980 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, U.S. Army Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance, or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, nonjudicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use of casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) W6—Aircraft Survivability Equipment (ASE).
- (4) X1—AH-64 Maintenance.
- (5) 2S—Battle Staff Operations (skill level 3 and above).
- (6) 4A—Reclassification Training.

*e. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-68P-1.* Physical requirements.
- (2) *Table 10-68P-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-68P-3.* Standards of grade TDA.

**10-198. 68Q—Avionic Flight Systems Repairer (Avionic Flt Sys Rep), CMF 67**

*Rescinded (see MOS 35Q).*

**10-199. 68R—Avionic Radar Repairer (Avionic Radar Rep), CMF 67**

*(Rescinded.)*

**10-200. 68X—AH-64 Armament/Electrical Systems Repairer (AH-64 Arm/Elect Sys Rep), CMF 67**

*a. Major duties.* The AH-64 armament/electrical systems repairer performs aviation unit (AVUM), intermediate (AVIM), and depot maintenance on the AH-64 electrical and instrument systems and the electrical, electronic, mechanical and pneumatic systems associated with AH-64 armament/missile and fire control systems. Other major duties for MOS 68X at each level of skill are:

- (1) *MOSC 68X10.* Diagnoses and repairs malfunctions in AH-64

armament, electrical, instrument, and fire control systems and components including solid state and transistorized subsystems according to technical manuals, directives and safety procedures. Performs maintenance, authorized modifications and alignment on AH-64 weapons components, fire control units, sighting elements, electronic and mechanical devices, and instruments. Performs operational checks, ammunition loading/unloading and weapon subsystems configuration changes for all AH-64 fire control systems. Test/troubleshoots and repairs test sets and diagnostic equipment. Requisitions and maintains shop and bench stock for repair of AH-64 armament, electrical, instrument, and fire control systems. Maintains facilities for storage of weapons, ammunitions, and weapons cleaning equipment and supplies. Uses and performs operator maintenance on common and special tools. Maintains records on weapons and subsystems. Prepares forms and records related to MOS.

- (2) *MOSC 68X20.* Performs duties described in paragraph (1) and provides technical guidance to subordinate soldiers. Participates in maintenance test flights as required.

- (3) *MOSC 68X30.* Supervises and provides technical guidance to subordinate soldiers performing AH-64 armament, electrical, instrument or fire control systems maintenance. Evaluates maintenance operations and facilities for compliance with directives, technical manuals, work standards, safety procedures, and operational policies. Performs maintenance trend analysis and applies production control, quality control and other maintenance management principles and procedures to AH-64 armament, electrical, instrument, or fire control systems maintenance and shop operations. Supervises the establishment of the Forward Area Rearming Point (FARP). Instructs personnel and conducts technical training in AH-64 armament, electrical, instrument, or fire control systems maintenance, supply, and safety techniques. Evaluates the technical training program. Monitors requisition of parts, tools, and supplies.

- (4) *MOSC 68X40.* Supervises AH-64 armament, electrical, instrument and fire control systems maintenance and technical inspection activities. Determines manhours, personnel, parts and facility requirements to repair AH-64 armament, electrical, instrument, fire control systems and associated equipment. Plans aircraft maintenance areas, repair shops and facilities. Instructs subordinates in AH-64 armament, electrical, instrument, and fire control systems repair and technical inspection techniques and procedures according to directives, technical manuals, work standards, and operational policies. Maintains supply economy and discipline. Supervises the armament, electrical, instrument and fire control systems technical training program. Prepares evaluations, special reports, and records pertaining to AH-64 armament, electrical, instrument and fire control systems maintenance and related activities. Recommends and administers plans and policies.

*b. Physical demands rating and qualifications for initial award of MOS.* The AH-64 armament/electrical systems repairers (MOS 68X) must be in grade specialist (E4) (non-promotable) or below unless they have held a CMF 67 MOS for a minimum of 12 months at skill level 1 or 2, 18 months at skill level 3 or 24 months at skill level 4. Waivers and/or exceptions must be approved by Cdr, USAAVNC, ATTN: ATZO-AP, Ft Rucker, AL 36363-5000.

- (1) AH-64 armament/electrical systems repairers must meet the following qualifications:

- (a) A physical demands rating of very heavy.

- (b) A physical profile of 222222.

- (c) Normal color vision.

- (d) A minimum score of 100 in aptitude area EL and 105 in aptitude area MM.

- (e) Formal training (completion of a resident MOS 68X course conducted under the auspices of the U.S. Army Aviation School) mandatory. Waiver for formal training criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

- (2) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification

will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1990 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II, or III or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, Aeromedical Center. A soldier or potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale transfer, possession or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, nonjudicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to UCMJ, Article 31(b).

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 OR SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above only).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-68X-1.* Physical requirements TBD.
- (2) *Table 10-68X-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-68X-3.* Standards of grade TDA.

**10-201. 71C—Executive Administrative Assistant (Exec Admin Asst), CMF 71**

*(Rescinded.)*

**10-202. 71D—Legal Specialist, CMF 71**

*a. Major duties.* Legal specialists administer and supervise the provision of legal services to unit commanders and staff and assist judge advocates/attorneys in providing professional legal services in diverse legal disciplines, including: organizational legal services (military justice, legal assistance, claims, administrative law, international law, operational law, and contract law); defense legal services; and judicial legal services. Duties for MOS 71D at each level of skill are:

(1) *MOSC 71D10.* Provides preliminary legal and administrative support to unit commanders and staff and coordinates legal actions with supervising legal office. Prepares and processes legal documents in support of courts-martial, non-judicial punishment, and other military justice matters; line of duty determinations, separation board proceedings, and other administrative law matters; legal assistance services; claims processing and investigations.

(2) *MOSC 71D20.* Supervises the operation of a section in a

command or installation legal office. Provides technical guidance to subordinates. Maintains law/administrative library and section files and records. Monitors and reviews actions to ensure accuracy and timely dispatch or disposition.

(3) *MOSC 71D30.* Supervises the operation of a command legal office. Trains and provides guidance to subordinates on complex legal administrative issues. Coordinates with units concerning tasks and training of legal specialist and noncommissioned officers. Conducts extensive legal research. Adjudicates personal property claims.

(4) *MOSC 71D40.* Supervises the operation of an installation legal office or section of a major command legal office. Plans, task-organizes, and provides logistical support to subsections. Coordinates the requisition and assignment of installation legal specialists/NCOs. Develops and implements installation training of legal specialists/NCOs.

(5) *MOSC 71D50.* Supervises the operation of a major command legal office. Provides technical and professional guidance to and coordinates the requisition and assignment of all command-wide legal specialists/NCO. Advises the senior judge advocate on all matters affecting legal specialists/NCOs. Inspects command legal support activities and recommends actions to correct deficiencies and improve legal support operations.

*b. Physical demands rating and qualification for award of MOS.* (Qualifications in subparagraphs 7, 8, 9, and 10 below are required for award or retention of MOS). Legal specialists must possess the following qualifications:

- (1) A physical demands rating of light.
- (2) A physical profile of 222121.
- (3) A minimum score of 110 in aptitude area CL.
- (4) A minimum typing speed of 30 net words-per-minute.
- (5) Must be a high school graduate.
- (6) Formal training (completion of MOS 71D course conducted under the auspices of the U.S. Army Adjutant General School, Legal Specialist Course) mandatory. Reserve Component (RC) personnel must complete 121-71D-RC, Phase I by completing the Legal Specialist (RC) Basic Correspondence Course and the Resident Course, Phase II, Fort Jackson, SC (phases I and II available only to SSG and below).

(7) No court-martial conviction or disciplinary action under UCMJ. (Article 15 waivable by HQDA (TAPC-EPM-A) with OTJAG approval).

(8) No record of civil conviction other than minor traffic offenses. (Minor non-traffic offense civil conviction waivable by HQDA (TAPC-EPM-A), with OTJAG approval).

(9) No record of lost time under 10 U.S.C. 972, see appendix 3, MCM. (Waivable by HQDA (TAPC-EPM-A) with OTJAG approval).

(10) No pattern of undesirable behavior as evidenced by civilian or military record.

*c. Additional skill identifiers.*

- (1) C5—Court Reporter (skill level 2 and above).
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-71D-1.* Physical requirements.
- (2) *Table 10-71D-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-71D-3.* Standards of grade TDA.

**10-203. 71G—Patient Administration Specialist (Patient Admin Sp), CMF 91**

*a. Major duties.* The patient administration specialist supervises or performs administrative duties in patient administration division of hospital or other medical activity. Duties for MOS 71G at each level of skill are:

- (1) *MOSC 71G10.* Performs patient administrative duties.
- (2) *MOSC 71G20.* Performs patient administration duties.

(3) *MOSC 71G30*. Supervises performance of patient administration duties.

(4) *MOSC 71G40*. Supervises performance of patient administrative duties.

(5) *MOSC 71G50*. Supervises performance of patient administration duties.

*b. Physical demands rating and qualifications for initial award of MOS.* The patient administration specialist must possess the following qualifications:

(1) A physical demands rating of medium.

(2) A physical profile of 323221.

(3) A minimum score of 95 in aptitude area CL.

(4) Be able to type at minimum speed of 20 net words per minute.

(5) Formal training (completion of MOS 71G course, or the RC ACCP nonresident—2 weeks resident course, conducted under the auspices of the AHS) mandatory or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) 2S—Battle Staff Operations (skill level 3 and above).

(3) 4A—Reclassification Training.

*e. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-71G-1*. Physical requirements.

(2) *Table 10-71G-2*. Standards of grade TOE/MTOE.

(3) *Table 10-71G-3*. Standards of grade TDA.

#### **10–204. 71L—Administrative Specialist (Admin Sp), CMF 71**

*a. Major duties.* The administrative specialist supervises or performs administrative, clerical, and typing duties. Duties for MOS 71L at each level of skill are:

(1) *MOSC 71L10*. Types military and nonmilitary correspondence in draft and final copy. Employs basic principles of English composition and grammar in preparing correspondence. Proofreads typed documents against source documents. Assembles final product for review, authentication, or other disposition. Prepares registered or certified mail for dispatch. Opens, sorts, routes, and delivers incoming correspondence and messages. Prepares suspense control documents and maintain suspense files. Signs receipt for, and picks up registered and certified mail. Dates and dispatches outgoing correspondence and messages. Prepares and maintains functional files per MARKS. Receives publications, establishes and maintains publications library. Requisitions and stocks blank forms.

(2) *MOSC 71L20*. Performs typing and clerical duties shown at preceding level of skill and provides technical guidance on administrative matters to typists and clerical personnel. Proofreads correspondence for format, content, and use of authorized abbreviations. Answers inquiries from staff and advises personnel on administrative and clerical matters. Sets-up and maintain logs, rosters, status boards, charts, graphs, and viewgraphs. Composes routine correspondence.

(3) *MOSC 71L30*. Supervises performance of administrative functions. Reviews and edits correspondence prior to release, submission for signature, or other disposition. Conducts periodic review of files to ensure proper filing of correspondence. Controls use of reproduction facilities and reviews item to be reproduced. Plans and organizes office operations to include publications and forms administration and office administrative procedures. Writes office SOP, job descriptions, and directives. Determines requirements for office equipment, supplies, and space. Plans layout of office. Requisitions, receives, inventories, and signs hand receipts for office equipment. Coordinates administrative activities with other organizational elements and staff sections. Establishes mail delivery routes and schemes and arranges for pickup of distribution by messengers. Serves as custodian of classified documents. Signs receipts for, logs,

inventories, files, and secures classified documents. Prepares documents for destruction or other disposition. Ensures proper accountability of documents based upon degree of classification.

(4) *MOSC 71L40*. Supervises administrative functions and performs duties at preceding level of skill at division, comparable, or higher level headquarters. Provides technical training and instructions to subordinates and supported units.

(5) *MOSC 71L50*. Supervises performance of administrative functions in administrative or similar element at division, comparable, or higher level headquarters. Inspects subordinates units and makes recommendations for elimination of deficiencies or improvement of administrative operations.

*b. Physical demands rating and qualifications for initial award of MOS.* Administrative specialists must possess the following qualifications:

(1) A physical demands rating of medium.

(2) A physical profile of 323222.

(3) A minimum score of 95 in aptitude area CL.

(4) The ability to type at a minimum speed of 25 net words per minute.

(5) Formal training (completion of a course of instruction for MOS 71L course conducted at or under the auspices of the U.S. Army Adjutant General School) mandatory.

*c. Additional skill identifiers.*

(1) E3—Executive Administrative Assistant (SPC through SSG).

(2) E4—Attache Administrative Support.

(3) F4—Postal Supervisor.

(4) F5—Postal Operations.

(5) P5—Master Fitness Trainer.

(6) 2S—Battle Staff Operations (skill level 3 and above).

(7) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-71L-1*. Physical requirements.

(2) *Table 10-71L-2*. Standards of grade TOE/MTOE.

(3) *Table 10-71L-3*. Standards of grade TDA.

#### **10–205. 71M—Chaplain Assistant (Chap Asst), CMF 71**

*a. Major duties.* The chaplain assistant performs and provides specified elements of religious support mission in deployments, combat operations, training, and sustainment. Duties for MOS 71M at each level of skill are:

(1) *MOSC 71M10*. Performs religious support duties for Unit Ministry Team (UMT) programs, worship services and crisis intervention. Performs UMT functions in field and combat environment. Performs combat lifesaver tasks. Applies communication skills in crisis and potential suicide intervention. Supports the UMT family readiness program. Coordinates UMT activities and maintains physical security of UMT facilities/equipment. Safeguards privileged communications and offerings. Arranges religious retreats and memorial ceremonies. Receives, screens and refers visitors and prospective counselee. Performs office administration functions using automated systems to include inventorying supplies and equipment and determining supply requirements. Maintains chaplain vestments and religious items.

(2) *MOSC 71M20*. Performs religious support duties in first level battle fatigue care. Provides for emergency ministrations on the battlefield. Prepares UMT section input to staff estimates, operation plans and orders. Implements specified elements of the Religious Support Plan (RSP) and Command Master Religious Plan (CMRP). Coordinates rites, sacraments, ordinances, and the UMT family readiness program. Organizes support for UMT programs, worship and small group training sessions. Conducts training on indigenous religious, cultural distinctions, and customs. Implements the religious support volunteer program. Provides intake interviews and assessments.

(3) *MOSC 71M30*. Trains and performs religious support duties within the commander's area of operation. Adapts UMT support to unit's mission, enemy situation, terrain, troops and time available (METT). Coordinates the implementation of the RSP and CMRP.

Assists soldiers in developing moral values and resolving conflict. Supports the combat stress control team. Organizes religious retreats. Trains family support group leaders. Assists families in spiritual renewal upon reintegration. Manages chaplain funds.

(4) *MOSC 71M40*. Leads in performing religious support operations. Plans and implements enlisted training, CMRP and chaplain annex to OPLANS. Manages chaplain support activities. Develops family spiritual renewal reintegration strategies. Conducts moral leadership training. Implements crisis intervention strategies. Implements internal controls for funds. Prepares requests for grants. Performs conflict resolutions.

(5) *MOSC 71M50*. Analyzes, develops, implements, and assesses plans, polices and programs affecting the religious support mission and operations. Performs strategic planning for religious support operations. Prepares contingency and mobilization planning and training. Plans and coordinates general religious support to joint, specified, and unified commands. Develops UMT Mission Essential Task List. Provides guidance on world religions and cultural distinctions and customs. Prepares installation/command religious program support plan. Prepares and evaluates implementation of CMRP. Advises command chaplain on religious and moral issues of command.

*b. Physical demands rating and qualifications for initial award of MOS*. Chaplain assistant must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) A minimum score of 95 in aptitude area CL.
- (4) The ability to type at a minimum speed of 20 net words per minute.
- (5) Must have favorable ENTNAC prior to award of MOS 71M.
- (6) Volunteer and agree to provide religious support for all religions supported by the command.
- (7) Is a combatant and will participate in firearms training and bear arms.

(8) Must display high moral character as determined by the following criteria:

(a) No pattern of undesirable behavior as evidenced by civil and military records.

(b) No record of convictions by court martial.

(c) No record of civilian conviction within the last two years other than minor traffic offenses.

(9) A valid state motor vehicle operator's permit (not due to expire prior to completion of AIT).

(10) Formal training (completion of MOS 71M course conducted under the auspices of the U.S. Army Chaplain Center and School (USACHCS)) is mandatory. Reserve component soldiers with prior service may qualify by completion of either the course at USACHCS or complete both the Annual Training/Active Duty for Training and the Inactive Duty Training phase of MOS 71M Reserve Component Training.

*c. Additional skill identifiers*.

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade*. Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-71M-1*. Physical requirements.
- (2) *Table 10-71M-2*. Standard of grade TOE/MTOE.
- (3) *Table 10-71M-3*. Standards of grade TDA.

#### 10-206. 73C—Finance Specialist, CMF 71

*a. Major duties*. The finance specialist performs or supervises duties pertaining to disbursing, travel, military pay, foreign national pay, internal control and civilian pay. Duties for MOS 73C at each level of skill are:

(1) *MOSC 73C10*. Performs disbursing, travel, military pay and internal control duties.

(2) *MOSC 73C20*. Performs or supervises disbursing, travel, military pay, foreign national pay, internal control and civilian pay operations.

(3) *MOSC 73C30*. Supervises disbursing, travel, military pay, foreign national pay, internal control and civilian pay operations.

(4) *MOSC 73C40*. Supervises finance operations.

*b. Physical demands rating and qualifications for initial award of MOS*. Finance specialists must possess the following qualifications:

(1) A physical demands rating of light.

(2) A physical profile of 323221.

(3) A minimum score of 95 in aptitude area CL.

(4) No record of conviction of any crime involving moral turpitude.

(5) No record of any information which might adversely reflect against the character, honesty, or integrity of the soldier.

(6) Formal training (completion of MOS 73C course conducted under the auspices of the U.S. Army Finance School) is required.

*c. Additional skill identifiers*.

(1) P5—Master Fitness Trainer.

(2) 2S—Battle Staff Operations (skill level 3 and above).

(3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade*. Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-73C-1*. Physical requirements.

(2) *Table 10-73C-2*. Standards of grade TOE/MTOE.

(3) *Table 10-73C-3*. Standards of grade TDA.

#### 10-207. 73D—Accounting Specialist, CMF 71

*a. Major duties*. The accounting specialist performs or supervises duties pertaining to accounting, accounts payable, disbursing, budget and internal control. Duties for MOS 73D at each skill level are:

(1) *MOSC 73D10*. Performs accounting, accounts payable, disbursing and budget duties.

(2) *MOSC 73D20*. Performs or supervises accounting, accounts payable, disbursing, budget and internal control operations.

(3) *MOSC 73D30*. Supervises accounting, accounts payable, disbursing, resource management and internal control operations.

(4) *MOSC 73D40*. Supervises accounting, finance and resource management operations.

*b. Physical demands rating and qualifications for initial award of MOS*. Accounting specialists must possess the following qualifications:

(1) A physical demands rating of light.

(2) A physical profile of 323321.

(3) A minimum score of 105 in aptitude area CL.

(4) No record of conviction of any crime involving moral turpitude.

(5) No record of any information which might adversely reflect against the character, honesty, or integrity of the soldier.

(6) Formal training (completion of MOS 73D course conducted under the auspices of the U.S. Army Finance School) is required.

*c. Additional skill identifiers*.

(1) P5—Master Fitness Trainer.

(2) 2S—Battle Staff Operations (skill level 3 and above).

(3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade*. Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-73D-1*. Physical requirements.

(2) *Table 10-73D-2*. Standards of grade TOE/MTOE.

(3) *Table 10-73D-3*. Standards of grade TDA.

#### 10-208. 73Z—Finance Senior Sergeant (Finance Sr Sgt), CMF 71

*a. Major duties*. The finance senior sergeant supervises the functions and activities of finance, military pay, and accounting, and performs the duties of and supervises functions shown for finance specialist (73C40) and accounting specialist (73D40).

*b. Physical demands rating and qualifications for initial award of*

MOS. Finance senior sergeants, 73Z50, must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 333321.
- (3) Minimum score in aptitude area—N/A.
- (4) No record of conviction of any crime involving moral turpitude.
- (5) No record of information which might adversely reflect against the character, honesty, or integrity of the soldier.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-73Z-1.* Physical requirements.
- (2) *Table 10-73Z-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-73Z-3.* Standards of grade TDA.

### **10–209. 74B—Information Systems Operator-Analyst (Info Sys Opr-Analyst), CMF 74**

*a. Major duties.* Information systems operator-analyst supervises, installs, operates and performs unit level maintenance on multi-functional/multi-user information processing systems, peripheral equipment, and associated devices in mobile and fixed facilities; performs analyst functions; constructs, edits, and tests computer system programs; conducts data system studies and prepares documentation and specifications for proposals; operates and performs Preventive Maintenance Checks and Services (PMCS) on assigned vehicles and power generators. Duties for MOS 74B at each level of skill are:

(1) *MOSC 74B10.* Installs, operates, and performs unit maintenance on multi-functional/multi-user information processing systems and peripheral equipment and auxiliary devices. Performs input/output data control and bulk data storage operations. Transfers data between information processing equipment and systems. Troubleshoots automation equipment and systems to the degree required for isolation of malfunctions to specific hardware or software. Restores equipment to operation by replacement of line replaceable unit (LRU). Installs, operates, performs strapping, restrapping, PMCS and unit level maintenance on COMSEC devices. Assists in the design, preparation, editing, and testing of computer programs. Drafts associated technical documentation for program reference and maintenance purposes. Modifies existing application packages using application and operating system software and appropriate computer language commands and files.

(2) *MOSC 74B20.* Configures information processing equipment into required operating configurations. Performs senior operator and systems administrator duties and unit level maintenance functions on assigned computer systems. Compiles production report data and quality control information. Assists less experienced soldiers in the installation, operation, and maintenance of information processing equipment. Writes, analyzes, edits, tests, and modifies computer programs. Drafts program operation manuals and technical program requirements documents. Troubleshoots software using established debugging procedures.

(3) *MOSC 74B30.* Supervises the deployment, installation, operation, and unit level maintenance of multi-functional/multi-user information processing systems. Determines requirements, assigns duties, and coordinates activities of personnel engaged in information system analysis and maintenance. Develops and administers on-site training programs. Compiles output reports in support of ADPE operations. Performs system studies using established techniques to develop new or revised system applications and programs. Writes final design programs, operational manuals, procedures, and requirements documents. Analyzes telecommunications information management needs. Ensures that spare parts, supplies, and operating essentials are requisitioned and maintained. Supervises and performs

maintenance management and administrative duties related to facility operations, maintenance, security, and personnel.

(4) *MOSC 74B40.* Plans, supervises, coordinates, and provides technical assistance for the installation, operation, systems analyst functions, unit level maintenance, and management of multi-functional/ multi-user information processing systems in mobile and fixed facilities. Participates in development of the continuity of operations plan (COOP), information systems plans (ISP), information management plan (IMP), and information management master plan (IMMP). Conducts quality assurance of ADPE operations. Controls production operations in support of command or agency priorities. Develops and enforces policy and procedures for facility management. Develops, directs, and supervises training programs to ensure soldier proficiency and career development. Organizes work schedules and ensures compliance with directives and policies on operations security (OPSEC), signal security (SIGSEC), communications security (COMSEC), and physical security. Writes unit or facility standing operating procedures (SOP). Arranges higher level or contractor support maintenance for assigned equipment. Prepares or supervises the preparation of technical studies, evaluations, reports, correspondence, and records pertaining to information system operations. Directs high level programming projects. Briefs staff and operations personnel on matters pertaining to information systems.

*b. Physical demands rating and qualifications for initial award of MOS.* Information Systems Operator-Analysts must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 212221.
- (3) Normal color vision.
- (4) Minimum score of 100 in aptitude area ST.
- (5) A security clearance of SECRET.
- (6) A U.S citizen.
- (7) Be qualified for the Personnel Security and Surety Program (PSSP) per AR 380-19.
- (8) Must have passed a course in High School algebra, or attained a score of 45 or higher on GED test 5, High School level.
- (9) Formal training (completion of MOS 74B Course conducted under the auspices of the USA Signal School) mandatory or waiver may be granted by Commandant, U.S. Army Signal School, ATTN: ATZH-POE, Ft Gordon, GA 30905-5300, or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) H4—Specialized Software Development Programmer (personnel only).
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations.
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-74B-1.* Physical requirements.
- (2) *Table 10-74B-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-74B-3.* Standards of grade TDA.

### **10–210. 74C—Telecommunications Operator-Maintainer (Telecom Opr-Mnt), CMF 74**

*a. Major duties.* Telecommunications operator-maintainer supervises, installs, operates and performs unit level maintenance on manual and automated telecommunications equipment centrals and associated peripheral devices. Performs Information Service Support Office (ISSO) duties of printing, publications, and records management. Performs COMSEC Custodian functions. Operates and performs Preventive Maintenance Checks and Services (PMCS) on assigned vehicles and power generators. Duties for MOS 74C at each level of skill are:

(1) *MOSC 74C10.* Installs, operates, and performs unit level maintenance in telecommunications centers. Operates automated message switches and strategic telecommunications centers using

system command consoles, computer terminals, processors, magnetic tape units, disk packs, tape readers, visual display units, facsimile, and associated COMSEC devices. Processes message traffic. Installs, operates, performs strapping, restrapping, PMCS and unit level maintenance on COMSEC devices. Performs Battlefield Information Services (BIS), consisting of printing services, publications management, files and forms management, reproduction services, Freedom of Information Act (FOIA)/Privacy Act (PA), Unit Distribution/Official Mail, correspondence management, classified document control, and messenger service within the ISSO. Operates and performs Preventive Maintenance Checks and Services (PMCS) on assigned communications equipment, vehicles, and generators.

(2) *MOSC 74C20*. Supervises, installs, operates, and performs unit level maintenance on tactical telecommunications centers, automated message switches, and strategic telecommunications facilities. Requisitions, receives, stores, issues, and accounts for COMSEC equipment and associated keying material. Interprets publications, policies, and procedures as applicable to tactical and strategic telecommunications and message switching center operations. Performs off-line message recovery and tracer actions. Corrects message and circuit continuity discrepancies. Coordinate with system operators and controllers to resolve system and circuit difficulties. Supervises the operation of computer terminal devices, maintains files and records, composes and edits correspondence and documents; generates reports for the ISSO. Sets up and maintains logs, rosters, status boards, charts, graphs, view graphs, and performs messenger supervisory duties required by information service support. Prepares reports, records, and analysis pertaining to telecommunications operations. Requests operating supplies and spare parts.

(3) *MOSC 74C30*. Supervises the installation, operation, and unit level maintenance of tactical and strategic telecommunications centers and automated message switches. Develops and administers on-site training programs. Directs and supervises restoration of systems and circuits. Requests logistical support and coordinates system integration. Ensures that spare parts, supplies, and operating essentials are requisitioned and maintained. Supervises and performs maintenance management and administrative duties related to facility operations, maintenance, security, and personnel. Performs COMSEC Custodian functions. Prepares emergency evacuation and destruction plans. Requisitions, receives, stores, issues, destroys, and accounts for COMSEC equipment and keying material, including over the air keying operations. Supervises ISSO functions. Provides verbal and written guidance and direction for the installation, operation, and maintenance of specified battlefield information services. Provides technical assistance and resolves problems for information services support personnel, functional users, and functional staff. Composes correspondence, sets up and maintains: logs, rosters, status boards, charts, graphs, and view graphs required for information service support. Supervises subordinate personnel performing information service support duties.

(4) *MOSC 74C40*. Supervises and manages personnel performing operations and maintenance of tactical and strategic telecommunications centers and automated message switches. Develops and enforces policy and procedures for facility management. Develops, directs, and supervises training and security programs to ensure soldier proficiency and career development. Organizes work schedules and ensures compliance with directives and policies on operations security (OPSEC), signal security (SIGSEC), communications security (COMSEC), and physical security. Writes unit or facility standing operating procedures (SOP). Arranges higher level or contractor support maintenance for assigned equipment. Prepares or supervises the preparation of technical studies, evaluations, reports, correspondence, and records pertaining to system Signal operations. Performs the duties of COMSEC material custodian in accordance with appropriate regulations and orders. Supervises the operation of the ISSO. Recommends policies, procedures, standards, and conventions. Establishes and operates the printing and duplication control program. Supervises and implements classified document control policies, procedures, standards, and inspections. Coordinates and provides guidance on printing and publication account procedures,

processes, and regulatory requirements. Briefs staff and operations personnel on telecommunications matters.

*b. Physical demands rating and qualifications for initial award of MOS.* Telecommunications Operator-Maintainers must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 212221.
- (3) Normal color vision.
- (4) Minimum scores of 90 in aptitude area EL and 90 in aptitude area SC.
- (5) A security clearance of:
  - (a) TOP SECRET with eligibility for access to sensitive compartmented information (SCI) for Active Army.
  - (b) SECRET for Reserve Components.
- (6) A U.S. citizen.
- (7) Clearly enunciate English.
- (8) Accurately type 25 words per minute.
- (9) Formal Training (completion of MOS 74C Course conducted under the auspices of the USA Signal School) mandatory or waiver may be granted by Commandant, U.S. Army Signal School, ATTN: ATZH-POE, Ft Gordon, GA 30905-5300.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) Z2—Automatic Message Switching Center Operations.
- (3) 2S—Battle Staff Operations (skill level 3 only).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-74C-1*. Physical requirements.
- (2) *Table 10-74C-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-74C-3*. Standards of grade TDA.

## **10–211. 74G—Telecommunications Computer Operator-Maintainer (Telecom Cmpt Op-Mnt), CMF 74**

*a. Major duties.* Telecommunications computer operator-maintainer supervises, installs, operates, and performs unit level and direct support maintenance on mini and mainframe telecommunications computer systems, automatic message switches, and associated peripheral equipment. Performs unit level maintenance on communications security (COMSEC) devices. Operates and performs Preventive Maintenance Checks and Services (PMCS) on assigned vehicles and power generators. Duties for MOS 74G at each level of skill are:

(1) *MOSC 74G10*. Performs fault isolation, diagnoses malfunctions and restores or repairs telecommunications computer systems, automatic message switches and peripheral equipment, and ensures emission security standards are met. Provides technical advice and assistance to other equipment operators regarding system initialization, application principles, capabilities, limitations, interfaces, procedures, and protocol troubleshooting. Installs, operates, performs strapping, restrapping, PMCS and unit level maintenance on COMSEC devices. Collects and documents appropriate statistics for logistical and operational reports. Operates and performs Preventive Maintenance Checks and Services (PMCS) on assigned communications equipment, vehicles, generators, organic tools, and test, measurement, and diagnostic equipment (TMDE).

(2) *MOSC 74G20*. Provides technical assistance to subordinates on complex direct support maintenance tasks or computer operations. Ensures on-site bench stock and repair parts are available to support telecommunications facilities equipment and ancillary devices, and that National Security Agency (NSA) directives are complied with when performing strapping and unit level COMSEC repairs. Coordinates communications interface requirements to ensure network access and continuity. Supervises and assists subordinate personnel in the performance of unit level maintenance and PMCS of assigned communications equipment, vehicles, power generators and TMDE.

(3) *MOSC 74G30*. Supervises and prepares work schedules for subordinate personnel engaged in the performance of operations and maintenance of telecommunications computer systems, automatic

message switches, and peripheral equipment. Plans and implements communications interfaces with military, host nation, and commercial activities. Develops and administers on-site training programs. Requests logistical support and coordinates system integration. Supervises and performs maintenance management and administrative duties related to facility operations, security, maintenance, communications, and personnel. Supervises PMCS on assigned vehicles, power generators, and TMDE.

(4) *MOSC 74G40*. Supervises and manages personnel performing operations and maintenance of computerized information management systems and associated equipment. Develops and enforces policy and procedures for facility and network management. Determines capabilities and limitations of assigned equipment. Organizes work schedules and instructs subordinate personnel in the technical maintenance of computers used in Signal support operations. Writes unit or station standing operating procedures (SOP). Arranges higher level or contractor support maintenance for assigned equipment. Assists and trains operators on teams and shifts.

*b. Physical demands rating and qualifications for initial award of MOS.* Telecommunications Computer Operator-Maintainers must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 111221.
- (3) Normal color vision.
- (4) Minimum scores of 110 in aptitude area EL and 100 in aptitude area ST.
- (5) A security clearance of TOP SECRET with eligibility for access to sensitive compartmented information (SCI).
- (6) Credit for successful completion of one year of high school algebra and general science.
- (7) A U.S. citizen.
- (8) Mandatory formal training (completion of MOS 74G Course conducted at the U.S. Army Signal School). Waiver may be granted by the Commandant, U.S. Army Signal Center, ATTN: ATZH-POE, Fort Gordon, GA 30905-5300.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.
- (3) 2S—Battle Staff Operations (skill level 3 and above only).

*d. Physical requirements.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-74G-1*. Physical requirements.
- (2) *Table 10-74G-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-74G-3*. Standards of grade TDA.

#### **10-212. 74Z—Information Systems Chief (Info Sys Ch), CMF 74**

*a. Major duties.* Information systems chief supervises, plans coordinates and directs the employment, operation, management, and unit level maintenance of multi-functional/multi-user information processing systems in mobile and fixed facilities; provides technical and tactical advice to command and staff concerning all aspects of information processing system operations, maintenance, and logistical support. Supervises installation, operation, strapping, restrapping, PMCS and unit level maintenance on COMSEC devices. Conducts briefings on the status, relationship, and interface of information processing systems within assigned area of interest. Supervises or prepares technical studies, evaluations, reports, correspondence, and records pertaining to multi-functional/multi-user information processing systems. Plans, organizes, and conducts technical inspections. Supervises development of the information systems plans (ISP), information management plan (IMP), and information management master plan (IMMP). Reviews, consolidates, and forwards final written input for the continuity of operations plan (COOP). Develops and enforces policy and procedures for facility operations and management. Enforces information security (INFOSEC), operations security (OPSEC), and physical security per regulations and policies. Prepares or supervises the preparation of technical studies, evaluations, reports, correspondence, software programs, program editing, debugging, and associated functions; and maintains records

pertaining to information system operations. Briefs staff and operations personnel on information systems matters.

*b. Physical demands rating and qualifications for initial award of MOS.* Information systems chief must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) Minimum aptitude area score—N/A.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Be qualified for the Personnel Security and Surety Program (PSSP) per AR 380-380.
- (8) Formal Training (completion of CMF 74 Advanced NCO Course conducted under the auspices of the USA Signal School) mandatory or waiver may be granted by USASC & FG, Ft Gordon, GA 30905-5300.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above only).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-74Z-1*. Physical requirements.
- (2) *Table 10-74Z-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-74Z-3*. Standards of grade TDA.

#### **10-213. 75B—Personnel Administration Specialist (Pers Admin Sp), CMF 71**

*a. Major duties.* The personnel administration specialist performs personnel and administrative functions in support of company, battery, troop; detachments at division, corps, and echelons above corps; in brigade and battalion S1's or in other similar organizations, activities and units; and advises the commander, the staff, and unit soldiers on personnel matters. Duties for MOS 75B at each level of skill are:

(1) *MOSC 75B10*. Prepares and processes recommendations for awards and decorations and arranges for awards ceremony. Prepares, updates, and coordinates requests for evaluations, to include responding to evaluation inquiries. Prepares and monitors requests for promotions and arranges for promotion ceremony, to include promotion declinations, reconsideration for promotions, and arrange for reduction and removal boards for soldiers on local promotion standing lists. Prepares and monitors requests for reductions, transfers, and discharges. Prepares and monitors requests for identification cards and tags, leaves, and passes, line of duty determination, MILPER data and information management, orders for temporary duty and travel, personnel processing, personnel security clearances, training and reassignment, retention, military and special pay programs, personnel accounting and strength management, transition processing, legal, meal cards, training soldier support file, and unit administration. Prepares SIDPERS input and control data, generates SIDPERS input that applies to unit level, reads interprets, and reconciles SIDPERS generated reports pertinent to unit level, determines reportable changes, category, duty status codes, and other documentation required for SIDPERS transactions. Prepares personnel accounting and strength management. Applies knowledge of provisions and limitations of Freedom of Information and Privacy Acts. Requisitions and maintains office supplies, blank forms, and publications. Types military and nonmilitary correspondence in draft and final copy. Prepares and maintains functional files per MARKS.

(2) *MOSC 75B20*. Performs duties shown at preceding skill level and provides technical guidance to subordinate soldiers in accomplishment of these duties.

*b. Physical demands rating and qualifications for initial award of MOS.* Personnel administration specialists must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 323222.
- (3) A minimum score of 95 in aptitude area CL.

(4) The ability to type at a minimum speed of 20 net words per minute.

(5) Formal training (completion of a resident course of instruction for MOS 75B conducted under the auspices of the U.S. Army Adjutant General School) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-75B-1.* Physical requirements.
- (2) *Table 10-75B-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-75B-3.* Standards of grade TDA.

**10-214. 75C—Personnel Management Specialist (Pers Mgt Sp), CMF 71**

(Rescinded.)

**10-215. 75D—Personnel Records Specialist (Pers Rclds Sp), CMF 71**

(Rescinded.)

**10-216. 75E—Personnel Actions Specialist (Pers Acts Sp), CMF 71**

(Rescinded.)

**10-217. 75F—Personnel Information System Management Specialist (Pers Info Sys Mgt Sp), CMF 71**

*a. Major duties.* The personnel information system management specialist operates and manages field personnel information systems, trains and assist system users, or monitors system activities. Duties for MOS 75F at each level of skill are:

(1) *MOSC 75F10.* Receives, reviews, analyzes, processes, distributes, and maintains personnel information files and supporting documentation. Prepares update cycle control documents and input, and transmits to servicing data processing facility. Maintains authorized strength levels, organizational, and systems control files. Executes and monitors automated interface with other automated systems. Monitors status of unresolved errors and initiates required corrective action. Monitors processing of feedback from HQDA and takes necessary corrective action. Monitors performance of systems users. Identifies problems and discrepancies. Provides assistance or refers resolution to superiors. Prepares correspondence and forms in draft and final copy. Posts changes to Army regulations and other publications. Prepares and maintains functional files per MARKS.

(2) *MOSC 75F20.* Performs duties and functions of the preceding skill levels and supervises field personnel information systems. Determines personnel requirements, establishes work priorities, organizes work schedules, assigns duties, and instructs subordinates in work techniques and procedures. Reviews cyclic and other reports to assess systems performance. Maintains liaison with servicing data processing facility and field managers of interfaced systems. Prepares and monitors plans for supporting mobilization.

*b. Physical demands rating and qualifications for initial award of MOS.* Personnel information system management specialists must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 323222.
- (3) A minimum score of 105 in aptitude area CL.
- (4) A security clearance of SECRET.
- (5) Must be a high school graduate.

(6) Formal training (completion of MOS 75F course conducted under the auspices of the U.S. Army Adjutant General School) mandatory.

(7) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-75F-1.* Physical requirements.
- (2) *Table 10-75F-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-75F-3.* Standards of grade TDA.

**10-217.1. 75H—Personnel Services Specialist (Pers Svc Sp), CMF 71**

*a. Major duties.* The personnel services specialist participates in occupational classification and management of manpower resources or supervises personnel management of manpower resources or supervises personnel management activities to include maintaining officer and enlisted personnel records and processing personnel actions concerning service members and their family members. Duties for MOS 75H at each level of skill are:

(1) *MOSC 75H10.* Prepares reports on strength levels and status of personnel. Evaluates personnel qualifications for special assignment. Prepares and processes requests for transfer or reassignment. Processes centralized and decentralized promotions and reduction actions. Processes classification/reclassification actions. Prepares orders and request for orders. Prepares and maintains officer and enlisted personnel records. Prepares and reviews personnel casualty documents. Monitors suspense actions. Initiates, monitors, processes personnel evaluations. Transfers records. Processes personnel for separation and retirement. Processes and executes Personnel Service Center SIDPERS level procedures and actions. Processes applications for OCS, warrant officer flight training, or other training. Processes recommendations for awards and decorations. Processes bars to reenlistment, suspension of favorable personnel actions. Initiates action for pass ports and visas. Processes requests and prepares identification tags and cards. Monitors appointment of line of duty, survivor assistance, and summary court officers. Processes line of duty investigations. Prepares letters of sympathy to next of kin. Types correspondence and forms in draft and final copy. Posts changes to Army regulations and other publications. Prepares and maintains functional files per MARKS. Applies knowledge of provisions and limitations of Freedom of Information and Privacy Acts.

(2) *MOSC 75H20.* Performs duties shown at preceding skill level and provides technical guidance to subordinate soldiers in accomplishment of these duties.

(3) *MOSC 75H30.* Performs duties of and supervises the functions of the preceding skill levels. Supervises specific personnel functions in a small personnel office, Battalion S1 and personnel services support activity. Advises commanders on soldiers and personnel readiness and strength levels of supported reporting units. Reviews consolidated reports, statistics, applications, and prepares recommendations for personnel actions to higher headquarters. Reviews and prepares reports and data on strength (gains and losses) of personnel and makes duty assignments of enlisted personnel. Reviews cyclic and other reports to assess systems performance. Maintains liaison with servicing data processing facility and field managers of interfaced systems.

(4) *MOSC 75H40.* Supervises small personnel office, specific personnel functions, Battalion S1 and personnel services support activity. Performs duties of and supervises the functions of preceding skill levels to include quality assurance of product. Advises commander, adjutant and other staff members on personnel administration activities.

(5) *MOSC 75H50.* Performs duties of and supervises at preceding skill level including quality assurance, in a large personnel activity, while performing specialized or all encompassing personnel functions.

*b. Physical demands rating and qualifications for initial award of MOS.* Personnel services specialists must possess the following qualifications:

- (1) Physical demands rating of moderately heavy.
- (2) A physical profile of 323222.
- (3) Minimum score of 95 in aptitude area CL.
- (4) Type at a minimum speed of 20 net words per minute.
- (5) Formal training (completion MOS 75H course conducted

under the auspices of the U.S. Army Adjutant General School) mandatory.

*c. Additional skill identifiers.*

- (1) A3—Force Development (TAADS)(SL4 and above).
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-75H-1.* Physical requirements.
- (2) *Table 10-75H-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-75H-3.* Standards of grade TDA.

**10-218. 75Z—Personnel Sergeant (Pers Sgt), CMF 71**  
(Rescinded.)

**10-219. 76J—Medical Supply Specialist (Medical Supply Sp), CMF 91**

*a. Major duties.* The medical supply specialist performs or supervises requisitioning, receipt, inventory management, storage, preservation, issue, salvage, destruction stock control, quality control, property management, repair parts management, inspection, packing and shipping, care, segregation and accounting of medical supplies and equipment. Duties for MOS 76J at each level of skill are:

(1) *MOSC 76J10.* Performs receipt, storage, issue, packing and shipping, care, inspection, quality control, segregation, inventory control, requisitioning, preservation, salvage, and destruction of medical supplies and equipment.

(2) *MOSC 76J20.* Performs receipt, packing and shipping, care, inspection, quality control, segregation, inventory control, requisitioning, storage, preservation, issue, salvage, destruction, repair parts management, distribution, supply management, property management and accounting of medical supplies and equipment.

(3) *MOSC 76J30.* Supervises small sized logistics division, medical supply, stock control, property management or storage activity.

(4) *MOSC 76J40.* Supervises medium sized logistics division, medical supply, stock control, property management or storage activity.

(5) *MOSC 76J50.* Supervises large sized logistics division medical supply, stock control, property management and storage activity.

*b. Physical demands rating and qualifications for initial award of MOS.* Medical supply specialists must possess the following qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 222332.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area CL.
- (5) Formal training (completion of MOS 76J course, or the RC AOCP nonresident—2 weeks resident course, conducted under the auspices of the AHS) mandatory or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) T8—Division Supply Accounting (DS4/Direct Support Unit Standard Supply System).
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-76J-1.* Physical requirements.
- (2) *Table 10-76J-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-76J-3.* Standards of grade TDA.

**10-220. 77F—Petroleum Supply Specialist (Petroleum Supply Sp), CMF 77**

*a. Major duties.* The petroleum supply specialist supervises or receives, stores, accounts for and cares for, dispenses, issues, and

ships bulk or packaged petroleum, oils, and lubricants (POL) products. Duties for MOS 77F at each level of skill are:

(1) *MOSC 77F10.* Receives and stores bulk and package POL products. Issues and dispenses bulk fuels and water from storage and distribution facilities to using units. Selects and submits samples of POL to laboratory for testing. Performs petroleum and water accounting duties. Operates equipment associated with petroleum and water distribution system and multi-product pipeline system. Fuels and defuels vehicles, aircraft, and stationary equipment. Takes emergency precautions to prevent harm to self and facilities in event of petroleum spillage or fire.

(2) *MOSC 77F20.* Performs duties shown at preceding level of skill. Assigns duties, spot checks work adequacy, and instructs and supervises subordinates in work techniques and procedures. Determines source of product contamination in storage areas and pipelines and directs reclamation and disposition for petroleum products. Assures adherence to safety procedures and ensures keeping of efficient, clean, and safe work environment. Supervises aircraft refueling and defueling operations.

(3) *MOSC 77F30.* Performs supervisory duties shown in preceding level of skill. Estimates requirements for personnel, equipment, user/organizational maintenance, and repair of petroleum distribution facilities. Schedules and dispatches petroleum and water products through pipelines and other distribution facilities or equipment. Initiates and supervises environmental protection activities and contingency plans. Reviews, consolidates, and prepares technical, personnel, and administrative reports associated with POL and water activities in assigned unit. Supervises unit level quality surveillance operations.

(4) *MOSC 77F40.* Performs supervisory duties shown in preceding level skill. Supervises and monitors quality surveillance programs and activities. Ensures compliance with fire and safety regulations.

(5) *MOSC 77F50.* Performs supervisory duties shown at preceding level of skill. Performs duties as petroleum quality assurance representative. Assists command and staff officers in appraisals of petroleum and water operations. Assists in coordination and implementation of operations, training programs, administrative matters, and communication activities.

*b. Physical demands rating and qualifications for initial award of MOS. The petroleum supply specialist must possess the following qualifications:*

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 211221.
- (3) Normal color vision.
- (4) Minimum scores of 90 in aptitude area CL and 90 in aptitude area OF.
- (5) Must possess a valid state motor vehicle operator license.

*c. Additional skill identifiers.*

- (1) H7—Petroleum Vehicle Operations.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-77F-1.* Physical requirements.
- (2) *Table 10-77F-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-77F-3.* Standards of grade TDA.

**10-221. 77L—Petroleum Laboratory Specialist (Petroleum Lab Sp), CMF 77**

*a. Major duties.* The laboratory petroleum specialist supervises or conducts laboratory tests on petroleum, oils, and lubricants (POL) products. Duties for MOS 77L at each level of skill are:

(1) *MOSC 77L10.* Receives samples and conducts tests on petroleum products. Reports findings in accordance with ASTM test methods. Evaluates test results with specification requirements and makes recommendations regarding product disposition. Applies fire prevention and safety control procedures in handling volatile POL products.

(2) *MOSC 77L20*. Identifies sources and types of contamination and deterioration and makes recommendations for reclamation and disposition. Furnishes required quality surveillance reports to higher headquarters. Performs organizational and preventive maintenance and calibration on laboratory equipment. Performs fire and safety inspections.

(3) *MOSC 77L30*. Plans and organizes petroleum laboratory activities. Establishes files and technical references and specifications. Prepares and reviews administrative and technical reports. Supervise all supply activities, coordinates activities with POL storage and distribution. Assists in establishment and supervision of quality surveillance programs. Ensures adherence to laboratory fire and safety procedures. Applies principles of Occupational Health and Safety Act and EPA regulations for possible violations of environmental control laws.

(4) *MOSC 77L40*. Performs staff and advisory duties by assisting and planning quality assurance, surveillance operations, and programs. Makes inspection of contractor facilities to ensure that all provisions of the contract are complied with. Coordinates special testing of POL products, including troubleshooting of differences in results among laboratories.

*b. Physical demands rating and qualifications for initial award of MOS.* The petroleum laboratory specialist must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 211221.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area ST.
- (5) Mandatory formal training or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-77L-1*. Physical requirements.
- (2) *Table 10-77L-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-77L-3*. Standards of grade TDA.

#### **10-222. 77W—Water Treatment Specialist (Water Trmt Sp), CMF 77**

*a. Major duties.* The water treatment specialist supervises or performs installation, operation of water purification equipment, water storage and distribution operations and activities. Duties for MOS 77W at each level of skill are:

(1) *MOSC 77W10*. Assists in water reconnaissance, site preparation, and setup of water treatment activity. Operates and maintains water treatment equipment. Receives, issues, and stores potable water. Performs water quality analysis testing and verification.

(2) *MOSC 77W20*. Conducts water reconnaissance. Develops water sources and water points. Supervises and trains soldiers to perform water treatment tasks. Performs operator maintenance and inspects operational condition and maintenance of equipment. Determines treatment method and treats water for purification. Analyses and verifies test results of raw and treated water. Maintains and inventories water treatment equipment and chemical supplies. Prepares water treatment reports.

(3) *MOSC 77W30*. Interprets water reconnaissance results to determine location of water sites. Directs water reconnaissance and water point development. Provides technical guidance to personnel.

(4) *MOSC 77W40*. Directs water reconnaissance and water point development for division, corps, and echelons above corps. Manages operation and ensures quality control of water supply, storage, distribution and purification activities. Performs staff and advisory duties. Furnishes reports to higher headquarters. Develops area water supply and treatment plan and supervises operation.

*b. Physical demands rating and qualifications for initial award of*

*MOS.* Water treatment specialists must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 211221.
- (3) Normal color vision.
- (4) A minimum score of 90 in aptitude area GM.
- (5) Mandatory formal training or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-77W-1*. Physical requirements.
- (2) *Table 10-77W-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-77W-3*. Standards of grade TDA.

#### **10-223. 79D—Retention NCO (Army National Guard (ARNG) and U.S. Army Reserve (USAR) (Retn NCO ARNG/USAR), CMF 79 (Rescinded.)**

##### **10-223.1. 79R—Recruiter (Active Component and USAR), CMF 79**

*a. Major duties.* Recruits qualified personnel for entry into the Army in accordance with applicable regulations, supervises recruiting and recruiting support activities. Duties for MOS 79R at each skill level are:

(1) *MOSC 79R30*. Recruits, interviews, counsels and qualifies applicants for enlistment. Distributes and displays recruiting publicity material. Identifies and cultivates community centers of influence. Explains benefits. Prepares enlistment forms and documents. Arranges for transportation, meals, and lodging for applicants where required. Assists in market research and analysis and makes appropriate recommendations to the chain of command.

(2) *MOSC 79R40*. Utilizes and analyzes management data to evaluate subordinates' performance. Conducts professional development programs. Accomplishes administration, prepares plans and SOPs. Maintains statistics on recruiting programs. Maintains enlistment publications and administrative files. Prepares enlistment reports.

(3) *MOSC 79R50*. Plans, organizes, and coordinates recruiting activities. Develops and directs training programs to assist subordinates. Plans and conducts seminars and conferences. Assigns duties and evaluates performance of subordinate recruiting personnel. Conducts inspections to ensure proper and efficient operation and management. The USAR recruiter also performs duties shown in preceding level of skill.

*b. Physical demands rating and qualifications for initial award of MOS.*

- (1) A physical demands rating—N/A.
- (2) A physical profile of 132221.
- (3) A minimum score of 110 in aptitude area GT waivable to 100 with a score of 100 in aptitude ST.

(4) Formal training (successful completion of the appropriate MOS 79R course conducted under the auspices of the Recruiting and Retention School) is mandatory.

(5) Be a high school graduate with diploma; or have 1 year college with a high school GED with no waiver.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) V7—Guidance Counseling.
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-79R-1*. Physical requirements.
- (2) *Table 10-79R-2*. Standards of grade TOE/MTOE N/A.

(3) *Table 10-79R-3*. Standards of grade TDA.

### **10-223.2. 79S—Career Counselor (Active Component and USAR), CMF 79**

*a. Major duties.* Counsels and/or reenlist or extends qualified soldiers in the Army and supervises retention activities. Duties for MOS 79S at each skill level are:

(1) *MOSC 79S30.* Provide career counseling to soldiers. Conducts retention and reenlistment interviews. Determines soldier's eligibility to immediately reenlist or extend; reviews reenlistment and extension documents for accuracy; coordinates retention ceremonies. Advises commanders on criteria for selection of unit level retention NCOs. Advises soldiers on declination of continued service statements. Conducts inspections of and trains unit level retention NCOs. Briefs leaders on matters relating to retention activities. Maintains liaison with local personnel and finance offices. Advises the commander at Battalion (Bn) or comparable sized units on all areas of the retention program. USAR career counselors assist in operation of Family Assistance Centers upon unit mobilization.

(2) *MOSC 79S40.* Performs duties shown in preceding level of skill at a Separate Battalion or comparable sized units and provides technical guidance to lower grade personnel as required.

(3) *MOSC 79S50.* Advises commanders on all areas of the retention program. Reviews retention actions for accuracy. Interprets regulations and provides guidance for subordinates. Assists in the development and direction of command retention programs. Conducts conferences and seminars for retention agendas. Assists leaders and strength management personnel in implementation and operation of the strength management program. Conducts staff assistance visits. Plans and conducts retention training; evaluates subordinates' training presentations and interviews, provide feedback. Manages objectives, statistics and awards program. Explains unit performance data to leaders and superiors. Evaluates subordinate's conduct of a retention interview. Determines soldiers' eligibility for retention duty. Plans and conducts retention training. The USAR career counselor plans and establishes family assistance centers upon unit mobilization.

*b. Physical demands rating and qualifications for initial award of MOS.*

(1) A physical demands rating—N/A.

(2) A physical profile of 132221.

(3) A minimum score of 110 in aptitude area GT waivable to 100 with a score of 100 in aptitude ST.

(4) Meet selection criteria in AR 601-280 (AA); FORSCOM Regulation 140-4 and applicable USAR regulations (USAR).

(5) Formal training (successful completion of the appropriate MOS 79S course conducted under the auspices of the Recruiting and Retention School) is mandatory.

(6) Be a high school graduate with diploma; or have one year college with a high school GED with no waiver.

*c. Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) 4A—Reclassification Training.

(3) 4R—Transition NCO.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-79S-1.* Physical requirements.

(2) *Table 10-79S-2.* Standards of grade TOE/MTOE N/A.

(3) *Table 10-79S-3.* Standards of grade TDA.

### **10-223.3. 79T—Recruiting and Retention NCO (Army National Guard of the United States) (Rctr and Retn NCO), CMF 79**

*a. Major duties.* Recruits and retains qualified soldiers for entry into the Army National Guard in accordance with applicable regulations. Supervises recruiting and retention activities. Duties for MOS 79T at each skill level are:

(1) *MOSC 79T40.* Prospects for leads. Prepares a prospect card.

Refines leads. Conducts a school program. Determines basic enlistment eligibility. Pre-qualifies an individual for enlistment. Determines eligibility for extension or immediate reenlistment. Conducts enlistment, attrition management and retention interviews. Explains the selected reserve incentive program and the Montgomery GI Bill, initial entry training (IET) requirements, test results, enlistment options/programs/obligations, non-regular service retirement, employer support and reemployment rights. Evaluates unit sponsorship program. Briefs applicant on MEPS processing. Prepares and completes an enlistment packet. Counsels an applicant. Operates Guard Accession Information Network System. Establishes media contacts. Conducts direct mail campaigns. Evaluates the unit's retention environment. Explains strength maintenance recognition programs. Conduct a strength maintenance interview and briefing. Develops a time management work plan. Trains unit first line leaders on career planning. Reviews request for separation/transfer/discharge. Reviews extension/immediate reenlistment procedures. Identifies alternatives to separation/transfer/discharge. Evaluates retention data, forms and files. Analyzes unit pay and performance data. Initiates security for family assistance operations. Explains the National Guard Family Program. Identifies resources for family assistance. Provides referral services for family members. Prepares DD Form 1172 (Application for Uniformed Services Identification Card--DEERS) for DEERS enrollment, issues ID cards for family members during mobilization. Develops a state marketing plan. Prepares and advertising budget. Determines regulatory requirements for advertising. Writes recruiting and retention advertising copy and script.

(2) *MOSC 79T50.* Performs duties shown in preceding level of skill and provides technical guidance to lower grade soldiers in the performance of all tasks. Determines strength maintenance objectives. Evaluates strength maintenance activities. Conducts Recruiting and Retention NCO training and orientation. Develops Recruiting and Retention NCO incentive program. Prepares Recruiting and Retention NCO training program. Reviews and approves a state marketing plan. Complies and maintains production data. Analyzes production management reports. Supervises Recruiting and Retention NCOs. Organizes and coordinates strength maintenance programs. Assigns duties and evaluates performance of subordinates. Inspects strength maintenance activities. Identifies, investigates, and takes corrective action in problem areas. Plans and conducts a strength maintenance seminars and conferences. Develops and directs training programs to assist Recruiting and Retention NCOs.

*b. Physical demands rating and qualifications for initial award of MOS.*

(1) A physical demands rating—N/A.

(2) A physical profile of 132221.

(3) A minimum score of 110 in aptitude area GT waivable to 100 with a score of 100 in aptitude ST.

(4) Meet selection criteria in National Guard Regulations 601-1, 600-200, 600-5, 600-10, 601-280, and AR 135-18 as applicable.

(5) Formal training (successful completion of the MOS 79T Recruiting and Retention Course conducted under the auspices of the Recruiting and Retention School) is mandatory.

(6) Be a high school graduate with diploma; or have one year college with a high school GED with no waiver.

*c. Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) V7—Guidance Counseling.

(3) 4A—Reclassification Training.

(4) 4R—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-79T-1.* Physical requirements.

(2) *Table 10-79T-2.* Standards of grade TOE/MTOE N/A.

(3) *Table 10-79T-3.* Standards of grade TDA.

### **10-224. 81C—Cartographer, CMF 81 (Rescinded.)**

### 10-224.1. 81L—Lithographer, CMF 81

*a. Major duties.* The lithographer operates and performs operator maintenance on offset duplicators/presses, copy cameras, plate making and various types of bindery and film processing equipment; supervises and performs all printing and binding, camera operations, layout, and plate making activities. Duties for MOS 81L at each level of skill are:

(1) *MOSC 81L10.* Produces lithographic film products such as contact negative/positive film, contact paper prints and line negatives/positives. Produces color proofs, deep etches, peel coat images, scribes, pre-sensitized plates and color key images. Produces flats for press operations. Performs bindery operations and operates offset duplicators and presses to reproduce printed materials. Performs preventative maintenance on all photo-lithographic equipment.

(2) *MOSC 81L20.* Performs duties in the preceding skill level and provides technical guidance to subordinate personnel. Produces film products to include continuous tone and half tone negatives. Produces multi-color printed matter using a two color offset duplicator. Performs and supervises operator/preventative maintenance on all photo-lithographic equipment.

(3) *MOSC 81L30.* Directs and prepares transportable/mobile and modular print system sections for operations movement. Directs photo-lithographic section for operations. Directs preventive maintenance on photo-lithographic equipment.

(4) *MOSC 81L40.* Supervises preparation of transportable/mobile and modular print system organization for operations and movement. Prepares field operations layout for transportable/mobile organization. Supervises preventive maintenance schedules for photo-lithographic equipment.

*b. Physical demands rating and qualifications for initial award of MOS.* The lithographer must possess the following qualifications:

- (1) A physical demand rating of heavy.
- (2) A physical profile of 222122.
- (3) Normal color vision.
- (4) A minimum score of 85 in aptitude area ST.
- (5) Formal training mandatory (completion of MOS 81L course conducted under the auspices of the Defense Mapping Agency) or meet civilian acquired skills criteria listed in AR 601-210.
- (6) A SECRET security clearance required prior to promotion to SSG.

(7) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) J6—Reproduction Equipment Repair.
- (2) P5—Master Fitness Trainer.
- (3) Y2—Transition (personnel only).
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-81L-1.* Physical requirements.
- (2) *Table 10-81L-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-81L-3.* Standards of grade TDA.

### 10-225. 81Q—Terrain Analyst, CMF 81

*(Rescinded.)*

### 10-226. 81T—Topographic Analyst, CMF 81

*a. Major duties.* The topographic analyst supervises and/or performs cartographic and terrain analysis duties; collects and processes military geographic information from remote sensed imagery, digital data, intelligence data, existing topographic products and other collateral data sources; edits cartographic and terrain analysis products; advises command and staff officers on topographic operations and special map product planning. Duties for MOS 81T at each level of skill are:

(1) *MOSC 81T10.* Extracts terrain data from remote sensed imagery, field reconnaissance, digital data, existing topographic products and other collateral data sources. Records analysis results addition to a military graphic data base. Draws, scribes, digitizes

and scans cultural, topographic, hydrographic, and/or other features on overlay/scribing surfaces or in digital formats. Utilizes basic drafting techniques to tailor terrain products and revises planimetric and topographic maps. Performs digital manipulation of topographic information by querying, viewing, evaluating, and downloading digital data.

(2) *MOSC 81T20.* Performs duties in the preceding skill level, supervises lower grade soldiers and provides technical guidance to the soldiers in accomplishment of their duties. Analyzes collected military geographic information to produce tactical decision aids. Predicts terrain and weather effects as applied to command, control, communication, computer, and intelligence systems. Performs data base management for the storage of aerial photographs, maps, digital data bases, and collateral source materials. Performs quality assurance during all stages of topographic operations.

(3) *MOSC 81T30.* Performs duties of preceding skill level, supervises lower grade soldiers and provides technical guidance to soldiers in the accomplishment of their duties. Supervises topographic analysts at division, Corps and EAC topographic units to include maintenance of assigned equipment. Evaluates source materials for military geographic information analysis. Supervises quality assurance during all stages of topographic operations. Ensures required administrative, intelligence, source data, and reference files are maintained. Advises command and staff officers on all aspects of topographic operations and doctrine.

(4) *MOSC 81T40.* Performs duties of preceding skill level, supervises lower grade soldiers and provides technical guidance to soldiers in the accomplishment of their duties. Supervises topographic analysis activities at all levels. Coordinates and validates collection requirements. Supervises quality assurance program for all topographic operations. Plans and coordinates activities pertaining to the organization, training and the tactical and technical operation of the assigned unit. Directs preparation for movement and operation of mobile/transportable work sections. Advises command and staff officers on all aspects of topographic operations and doctrine. Coordinates the planning and production of military geographic information. Supervises preparation of transportable/mobile work sections. Advises command and staff officers on all aspects of topographic operations and doctrine. Coordinates the planning and production of military geographic information.

*b. Physical demands rating and qualifications for initial award of MOS.* The topographic analyst must possess the following qualifications:

- (1) Physical demands rating of moderately heavy.
- (2) A physical profile of 211222.
- (3) Normal color vision.
- (4) A maximum of 175 seconds of arc visual stereoscopic acuity.
- (5) A minimum score of 100 in aptitude area ST.
- (6) Successfully completed (and be able to show proof of credit by official copy of transcript) 1 year of high school algebra or geometry, or equivalent.
- (7) A security clearance of SECRET.

(8) Formal training (completion of MOS 81T course conducted under the auspices of the U.S. Army Engineer School) is required.

(9) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) Y2—Transition.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-81T-1.* Physical requirements.
- (2) *Table 10-81T-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-81T-3.* Standards of grade TDA.

**10-226. 81Z—Topographic Engineering Supervisor (Topo Engr Supv), CMF 81**

*a. Major duties.* The topographic engineering supervisor supervises topographic surveying, cartography and photolithography activities. Assists in topographic planning and control activities. Assists in determining requirements and providing technical supervision of topographic mapping and other military geographic intelligence programs, to include geodetic and topographic surveying activities. Assists in command supervision and coordination of map reproduction and topographic map supply programs. Provides staff supervision and principal noncommissioned officer direction to units engaged in performing topographic engineering missions.

*b. Physical demands rating and qualifications for initial award of MOS.* Topographic engineering supervisors (81Z50) must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222222.
- (3) Minimum score in aptitude area—N/A.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-81Z-1.* Physical requirements.
- (2) *Table 10-81Z-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-81Z-3.* Standards of grade TDA.

**10-227. 82C—Field Artillery Surveyor (FA Surveyor), CMF 13**

*a. Major duties.* The field artillery surveyor leads, supervises, or serves as a member in field artillery survey operations.

(1) *MOSC 82C10.* Records field data, prepares schematic sketches and marks survey stations. Performs astronomic observation, measure azimuths, angles and determines deviations for target, connection, and position area surveys with angular measuring equipment. Assist PADS operator with the transfer, strap down and preparation for operations of PADS. Computes data using logarithms or calculator to obtain the unknown required field data to include computing for accuracy ratios and adjustment. Operates and performs PMCS on vehicles, radios, weapons, and all survey equipment.

(2) *MOSC 82C20.* Supervises and coordinates PADS vehicle operations. Computes survey data, plots geographic/UTM grid coordinates and performs azimuth transfer with PADS. Operates PADS system, performs calibrations, zero velocity updates, and PMCS on PADS system. Assists collection, evaluation, and dissemination of survey information. Provides leadership and technical guidance to lower grade personnel.

(3) *MOSC 82C30.* Selects and determines survey starting data and reviews data for errors. Supervises the proper maintenance on all assigned section equipment, prepares technical, personnel, and administrative reports covering training objectives and survey operations. Orients, instructs, and leads surveyors in survey procedures and techniques to include PADS operations. Provides leadership and technical guidance to lower grade personnel.

(4) *MOSC 82C40.* Determines methods of survey in order to obtain required accuracy, participates, prepares, organizes, and schedules the survey parties. Serves as the principal assistant to the survey officer and performs his duties in his absence. Provides leadership, expertise, and inspects section equipment and vehicles to ensure the proper application of PMCS. Develops training plan to accomplish training objective. Directs collection, evaluation, and dissemination of field artillery survey information. Coordinates survey operations with other units and maintains survey maps/overlays.

*b. Physical demands rating and qualifications for initial award of MOS.* Field artillery surveyors must possess the following qualifications:

- (1) A physical demands rating of very heavy.

- (2) A physical profile of 211211.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area ST.
- (5) Formal training under auspices of USAFAS is mandatory to qualify for award of the MOS.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-82C-1.* Physical requirements.
- (2) *Table 10-82C-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-82C-3.* Standards of grade TDA.

**10-228. 82D—Topographic Surveyor, CMF 81**

*a. Major duties.* The topographic surveyor supervises or conducts surveys to provide control data for map making and/or artillery support and supervises or performs topographic or geodetic computations. Duties for MOS 82D at each level of skill are:

(1) *MOSC 82D10.* Records topographic survey data, operates survey instruments, and performs topographic computations. Constructs and erects survey towers/stands. Transports, sets up, operates, and maintains equipment according to written, oral or visual instructions from supervisors. Prepares abstracts of field data for final computations. Assists in the emplacement/recovery of control stations and prepares station descriptions cards. Computes abstracted survey data for final tabulation of survey project.

(2) *MOSC 82D20.* Transports, sets up, operates and maintains equipment according to written, oral or visual instructions from supervisors. Makes field checks to ensure field measurements meet project specifications/classifications. Performs observations, compares, and standardizes/calibrates survey equipment. Computes and adjusts first, second and third order horizontal/vertical control surveys. Computes elevations of tidal benchmarks and baselines. Performs preliminary/field computation to verify field observations for control surveys and computes preliminary values of horizontal and vertical control points. Determines and writes equations used in least square adjustments. Transforms, in the same system, coordinates and azimuths from one zone to adjacent zones. Operates and writes programs for programmable electronic calculators. Directs and controls personnel when acting as a survey party chief.

(3) *MOSC 82D30.* Supervises and directs survey instrument repairer and topographic surveyor activities. Recommends method of computation, adjustment and need for additional data. Computes geographic positions, elevations, astronomic and laplace azimuths and latitude and longitude from astronomical observations. Evaluates and verifies results of all computations. Directs the transportation of, set up, operation and maintenance of equipment according to written, oral or visual instructions. Performs survey reconnaissance to include picture point selection, main, and secondary survey station placement and evaluates field data and the results obtained. Analyzes traverse, triangulation, leveling, satellite, and trilateration data to isolate computational or field blunders.

(4) *MOSC 82D40.* Supervises reconnaissance studies and reconnoiters survey sites to determine special requirements of obstacles encountered. Plans and arranges for food service, housing, sanitation, transportation, and other facilities for topographic survey activities in remote areas. Plans and organizes work activities. Coordinates surveying and computing activities. Supervises field survey activities in support of task and mission requirements. Determines composition and operational procedures of topographic survey parties. Collects available charts, maps, control lists, aerial photographs, and other topographic data.

*b. Physical demands rating and qualifications for initial award of MOS.* The topographic surveyor must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) Physical profile of 211212.
- (3) Normal color vision.

(4) A minimum score of 95 in aptitude area ST.

(5) Mandatory formal training (conducted under the auspices of the Commander, U.S. Army Engineer School) or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) 2S—Battle Staff Operations (skill level 3 and above).

(3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-82D-1.* Physical requirements.

(2) *Table 10-82D-2.* Standards of grade TOE/MTOE.

(3) *Table 10-82D-3.* Standards of grade TDA.

#### **10-229. 83E—Photo and Layout Specialist (Photo and Layout SP), CMF 81**

*(Rescinded.)*

#### **10-230. 83F—Printing and Bindery Specialist (Print and Bind Sp), CMF 81**

*(Rescinded.)*

#### **10-231. 88H—Cargo Specialist, CMF 88**

*a. Major duties.* The cargo specialist transfers or supervises the transfer of passengers and cargo to and from air, land, and water transport by manual and mechanical methods. Duties for MOS 88H at each level of skill are:

(1) *MOSC 88H10.* Checks, tallies, and documents cargo utilizing both manual and automated data processing systems. Rigs ships' gear as part of a team. Loads and unloads supplies and equipment from ships, docks, beaches, railheads, boxcars, warehouses, motor vehicles, and aircraft (to include internal and external helicopter loading). Operates and maintains all types and sizes of winches, cranes, and forklifts.

(2) *MOSC 88H20.* Assigns cargo handlers, signal and winch operators to duty stations. Provides technical guidance to subordinates. Inspects cargo, supervises cargo checking and hatch operations, controls aircraft loading and unloading (to include helicopter external sling loading operations), oversees railhead tie-down crews, directs container stuffing and unstuffing, plans warehouse storage, and manages crane operations. Supervises operator maintenance for cargo handling equipment such as cranes and forklifts. Enforces safety practices and documentation procedures.

(3) *MOSC 88H30.* Plans work schedules for terminal operations, airfield arrival/departure control groups, (to include passengers) and container/trailer transfer points. Utilizes stowage plans, aircraft load plans and other cargo handling forms. Issues materiel handling equipment, nets, slings, ropes, cables, wire rope, and other cargo operations gear. Enforces safety practices. Prepares, consolidates, and reviews administrative, personnel, and technical reports covering unit activities.

(4) *MOSC 88H40.* Supervises and manages work force. Coordinates administrative matters, communications activities, and training programs. Prepares tactical plans and training materiels. Provides staff supervision, policy, and guidance for personnel and cargo movement by air, rail, motor, and water transport.

*b. Physical demands rating and qualifications for initial award of MOS.* Cargo specialists must possess the following qualifications:

(1) A physical demands rating of very heavy.

(2) A physical profile of 211222.

(3) Color discrimination of red/green.

(4) A minimum score of 90 in aptitude area GM.

(5) MOS qualification may be attained by meeting the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

(1) B1—Rough Terrain Container Handling and Operation.

(2) P5—Master Fitness Trainer.

(3) 2S—Battle Staff Operations (skill level 3 and above).

(4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-88H-1.* Physical requirements.

(2) *Table 10-88H-2.* Standards of grade TOE/MTOE.

(3) *Table 10-88H-3.* Standards of grade TDA.

#### **10-232. 88K—Watercraft Operator, CMF 88**

*a. Major duties.* The watercraft operator performs mariner duties and supervises other personnel on Army watercraft and amphibians. Duties for MOS 88K at each level of skill are:

(1) *MOSC 88K10.* Docks and undocks the vessels. Drops and weighs the vessel anchor. Stands lookout and helm watches. Identifies and interprets single-letter international code signal flags. Sends and receives messages with radios, beacons, and signal flags. Operates and maintains lifeboats and vessel firefighting equipment. Knowledgeable in all aspects of marlinespike seamanship. Secures all type of cargo using shipboard machinery such as capstans, winches, hoists, and davits. Paints metal, wood, and fiberglass surfaces. Cleans compartments and decks.

(2) *MOSC 88K20.* Provides supervision and technical guidance for subordinates. Maintains vessel charts, publications, and orders. Keeps the vessel log book. Navigates a boat or other watercraft. Beaches and retracts landing craft. Tows vessels and barges in harbors and intercoastal waterways.

(3) *MOSC 88K30.* Instructs subordinates in watercraft and amphibian operational practices, procedures, and techniques. Supervises the embarking and disembarking of troops from the vessel. Establishes and enforces safety procedures. Schedules shipboard watches. Prepares vessel load plans. Schedules and oversees deck maintenance. Supervises maintenance of life saving and firefighting equipment.

(4) *MOSC 88K40.* Applies Inland and International navigation rules while operating vessels. Conducts crew drills and supervises training on the vessel. Disseminates information on weather and navigational aid changes. Maintains the vessel station bill and crew list. Operates the Mark 27 gyrocompass. Processes operations and intelligence information. Receives, stores, distributes, and turns in vessel supplies, equipment, and food. Administers the vessel mess functions to include all money exchanges, headcount records, daily cook worksheets, and food utilization reports. Coordinates the operation of collective lighter control points (LCPs).

*b. Physical demands rating and qualifications for initial award of MOS.* Watercraft operators must possess the following qualifications:

(1) A physical demands rating of very heavy.

(2) A physical profile of 222221.

(3) Uncorrected vision acuity of not more than 20/200 in each eye, that corrects with spectacle lenses to 20/20 in one eye and 20/40 in other eye.

(4) Normal color vision based on no more than four errors in reading the pseudoisochromatic plate test.

(5) A minimum score of 100 in aptitude area MM.

(6) MOSC qualifications per AR 56-9, at each level of skill.

(7) MOS qualification may be attained by meeting the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) 2S—Battle Staff Operations (skill level 3 and above).

(3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-88K-1.* Physical requirements.

(2) *Table 10-88K-2.* Standards of grade TOE/MTOE.

(3) *Table 10-88K-3.* Standards of grade TDA.

#### **10-233. 88L—Watercraft Engineer, CMF 88**

*a. Major duties.* The watercraft engineer supervises or performs unit, direct support (DS) and general support (GS) maintenance.

Services Army watercraft, amphibians and auxiliary equipment on marine vessels. Duties for MOS 88L at each level of skill are:

(1) *MOSC 88L10*. Stands engine room and throttle watch while the vessel is underway. Stands anchor watch and ramp discharge watch during sea and anchor details and while the vessel is in port. Performs daily systems checks and posts all instrument and gage readings to the engineer log book. Positions fuel control racks and adjusts throttle controls to maximize engine efficiency. Inspects, troubleshoots, tests, services, adjusts, repairs, and replaces batteries, electrical system components, fuel system elements, propellers and propeller shafts, pumping assemblies and parts, and other marine engine equipment. Cleans, performs surface preparation, and paints engineer space equipment.

(2) *MOSC 88L20*. Provides supervision and technical expertise for subordinates performing their duties. Prepares marine vessel equipment for operation. Starts, operates, troubleshoots, and secures vessel engines. Inspects, services, adjusts, replaces, repairs, and overhauls engine components, throttle controls, accessory drives, boiler and piping systems, vessel steering mechanisms, electrical and wiring assemblies, cooling and lubrication systems, and vessel hulls for general upkeep. Computes fuel requirements and documents vessel fuel usage. Compiles and maintains the engine room records.

(3) *MOSC 88L30*. Supervises fire fighting, damage control, sanitation, and pollution control procedures aboard a vessel. Establishes and enforces engine department safety practices, supervises shipboard watches. Oversees, instructs, and provides technical advice in the maintenance of engines, electrical systems, cooling systems, lubrication systems, refrigeration systems, fuel systems, pneumatic systems, power and drive trains, steering systems, boilers and piping, hydraulics, and general vessel upkeep. Conducts crew or section drills and training. Prepares maintenance SOPs and organizes the work of the maintenance shop.

(4) *MOSC 88L40*. Instructs and supervises marine engine department personnel in all systems maintenance. Oversees posting of vessel log books, forms, and records. Assigns personnel to duty positions. Schedules equipment for calibration. Establishes maintenance priorities. Prepares and reviews shipyard specifications. Prepares marine vessel historical reports and records, preventive maintenance schedules and records, materiel readiness reports, equipment improvement recommendations, and unsatisfactory/faulty equipment reports. Records required and completed modifications.

*b. Physical demands rating and qualifications for initial award of MOS.* Watercraft engineers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Uncorrected distant visual acuity of not more than 20/200 in each eye, that corrects with spectacle lenses to 20/20 in one eye and 20/40 in other eye.
- (4) Normal color vision based on no more than four errors in reading the pseudoisochromatic plate test.
- (5) A minimum score of 105 in aptitude area MM.
- (6) MOSC qualification per AR 56-9, at each level of skill.
- (7) MOS qualification may be attained by meeting the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-88L-1*. Physical requirements.
- (2) *Table 10-88L-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-88L-3*. Standards of grade TDA.

### **10-234. 88M—Motor Transport Operator (Motor Transport Op), CMF 88**

*a. Major duties.* The Motor Transport Operator supervises or

operates wheel vehicles to transport personnel and cargo. Duties for MOS 88M at each level of skill are:

(1) *MOSC 88M10*. Operates all wheel vehicles and equipment over varied terrain and roadways for support of combat operations. Manages entrucking and detrucking of personnel being transported. Oversees and checks proper loading and unloading of cargo on vehicles and trailers. Secures cargo against inclement weather, pilferage, and damage. Operates vehicle component material handling equipment (MHE), as required. Employs land navigation techniques. Must be knowledgeable with the operation of radios and weapons when they are mounted on the vehicle. Performs vehicle self-recovery and field expedients to include towing vehicles. Corrects or reports all vehicle deficiencies; supports mechanics where necessary. Prepares vehicle for movement/shipment by air, rail, or vessel.

(2) *MOSC 88M20*. Supervises and provides technical guidance to subordinates in accomplishing their duties. Organizes and participates in convoys. Dispatches vehicles; verifies vehicle logbooks. Receives and fills requests from authorized persons for motor transport. Compiles time, mileage and load data. Operates the Heavy Expanded Mobility Tactical Transport (HEMTT), Heavy Equipment Transporter (HET), and Palletized Loading System (PLS) vehicles to include performing self-recovery operations.

(3) *MOSC 88M30*. Supervises drivers performing preventive maintenance checks and services (PMCS) on vehicles. Operates in the truck terminal as a squad leader. Trains new drivers and manages the driver sustainment training program. Plans, organizes, and operates a motor vehicle convoy. Performs convoy route reconnaissance. Commands a convoy march unit or serial. Supervises transporting of all types of cargo. Posts and controls guards used to prevent pilferage and vandalism of cargo and equipment. Takes charge of vehicle recovery. Supervises personnel preparing vehicles for deployment.

(4) *MOSC 88M40*. Provides professional support and technical guidance to all Army soldiers requiring motor transport. Plans, manages, and monitors unit motor transport operations as the truckmaster. Establishes and organizes the unit motor park. Prepares and implements the truck company security and defense plan. Prepares map overlays. Receives and distributes highway motor transport missions. Assembles and prepares highway reconnaissance data for motor convoy transport. Supervises and directs unit dispatching of vehicles. Coordinates engineer requirements to support a truckbattalion.

*b. Physical demands rating and qualifications for initial award of MOS.* Motor transport operators must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) Color discrimination of red/green.
- (4) A minimum score of 90 in aptitude area OF.
- (5) A valid U.S. Government motor vehicle operator's permit for class of vehicle to which assigned.
- (6) A valid state motor vehicle operator's permit (not due to expire prior to completion of AIT).
- (7) MOS qualification may be attained by meeting the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) F7—Pathfinder.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-88M-1*. Physical requirements.
- (2) *Table 10-88M-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-88M-3*. Standards of grade TDA.

### **10-235. 88N—Transportation Management Coordinator (Trans Mgt Coord), CMF 88**

*a. Major duties.* The Transportation Management Coordinator coordinates, monitors, controls and supervises the movement of personnel, equipment, and cargo by air, rail, highway and water. Determines the most efficient mode of transport that accomplishes mission requirements. Duties for MOS 88N at each level of skill are:

(1) *MOSC 88N10.* Advises military and DOD civilians of their entitlements for shipment of personal property and passenger travel and prepares the necessary documentation. Requests and coordinates transport capability to meet a movement mission. Marks and labels cargo and freight shipments in accordance with regulatory requirements. Documents and inventories freight, cargo, and materiel shipments of all types; operates automated data terminal equipment to prepare movement documentation or related correspondence. Arranges documentation and reports for follow-up or response to tracer actions. Prepares transportation movements documents and related forms for the type of shipment and mode of travel (e.g., GBLs, MTAs, GTRs, airline service requests, etc.). Performs office duties such as posting regulations, files maintenance, and routine office correspondence.

(2) *MOSC 88N20.* Provides supervision and technical guidance for subordinates. Researches, interprets, prepares, and coordinates actions pertaining to travel entitlements. Functions as the customs officer for shipment releases in overseas theaters. Operates as quality control NCO for commercial movement contracts. Monitors all freight, cargo, and materiel shipments to ensure accountability; identifies and reports problem areas within the traffic management system to prevent additional costs, losses, and damage. Conducts briefings for unit moves. Requests, coordinates, and monitors movement schedules and programs; ensures transport capability is appropriate, cost effective, and meets mission requirements. Checks and inspects equipment blocking and bracing. Prepares and consolidates transportation movement reports. Operates automated data processing equipment to document movement information, conducts research, monitors movements, inspects commercial contracts, and responds to shipment inquiries, discrepancies, and routine movements transactions.

(3) *MOSC 88N30.* Conducts a training program for subordinate personnel. Supervises the operation of a cargo and materiel documentation unit, a movement control branch or section, a breakbulk point/terminal warehouse, a trailer transfer point, a port operations unit, an air terminal section, and the installation personal property and passenger travel section. Evaluates work techniques and procedures for all functions. Maintains liaison with air, rail, highway, and water transportation facilities. Initiates, researches and proposes necessary changes to the traffic management system for cost effectiveness and mission requirements. Supervises customs officers and reviews customs procedures in overseas theaters. Prepares, consolidates, and reviews technical, personnel, and administrative reports and forms covering transportation matters (e.g., unit movement, personal property, passenger travel, freight/cargo and materiel movement reports). Checks, reviews, and consolidates movement requirements; ensures appropriate transport capability and prepares movement schedules. Assists in planning transportation requirements for logistical support. Supervises any diversion, reconsignment, or transfer of personnel, freight and materiel shipments for all modes of transportation.

(4) *MOSC 88N40.* Supervises cargo documentation and movement control units for all transportation modes. Supervises freight, cargo, personal property, and passenger travel at installation level. Analyzes, evaluates, and proposes changes to the Defense Transportation System. Formulates and reviews documentation on technical traffic management functions. Devises and reviews movement programs for logistical support functions in a theater of operations. Serves as the transportation liaison representative between other military services, commercial agencies, and host nation support elements. Advisor for the preparation of operation orders where transportation is required. Reviews DOD contracts and agreements with

host nations. Verifies the accuracy of movement control documents. Evaluates sites for depots, truck terminals, railheads, beachheads, air terminals, and water ports/terminals. Determines transportation capabilities and limitations of units. Performs as staff NCO in military traffic management agencies. Monitors quality controls that ensure commercial transportation services meet contract obligations. Monitors and documents all customs discrepancies and reports them to appropriate authorities. Ensures allocation of transport capability is appropriate to accomplish each mission in a cost effective manner.

*b. Physical demands rating and qualifications for initial award of MOS.* Transportation management coordinators must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 323222.
- (3) A minimum score of 100 in aptitude area CL.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-88N-1.* Physical requirements.
- (2) *Table 10-88N-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-88N-3.* Standards of grade TDA.

### **10-236. 88P—Railway Equipment Repairer (Reserve Components), CMF 88**

*a. Major duties.* The Railroad Equipment Repairer supervises or performs unit and direct support/general support (DS/GS) maintenance on diesel-electric locomotives and railway cars. Duties for MOS 88P at each level of skill are:

(1) *MOSC 88P10.* Uses technical blueprints and sketches. Inspects locomotives for malfunctions. Repairs cooling systems, fuel systems, exhausts, airbrake components, lube oil systems, electrical systems, and diesel engine components on locomotives. Inspects, tests and services locomotive batteries. Inspects frame and running gear for breaks, cracks, or worn surfaces; welds, rivets, caulks, paints, and stencils as necessary. Inspects and repairs coupleers. Examines and repairs truck and wheel assemblies, safety appliances, car underframes and crossbearers, and interiors of cars. Prepares written reports of any airbrake defects.

(2) *MOSC 88P20.* Supervises and provides technical guidance to subordinates performing their duties. Inspects railway cars prior and subsequent to maintenance. Performs initial terminal airbrake tests for outbound trains. Repairs draft gears. Supervises a team salvaging cars or rehabilitating captured enemy rolling stock. Enforces safety practices.

(3) *MOSC 88P30.* Calculates supplies, parts, and equipment necessary to restore locomotives and cars to efficient operating condition. Supervises personnel in methods and techniques of repair to mechanical components of locomotives. Sets work accomplishment priorities and enforces shop safety practices. Performs initial and final inspection of locomotives and cars scheduled for maintenance. Resolves technical problems encountered in locomotive and railway car maintenance.

(4) *MOSC 88P40.* Performs final inspections of locomotives and rolling stock. Determines shop priorities based on guidance from train movements section and resource availability. Posts and maintains equipment status reports.

*b. Physical demands rating and qualifications for initial award of MOS.* Railway equipment repairers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222232.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area MM.

(5) Formal training (completion of MOS 88P course conducted under the auspices of the Transportation School) mandatory or meet the civilian acquired skills criteria in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 4 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-88P-1.* Physical requirements.
- (2) *Table 10-88P-2.* Standards of grade TOE/MTOE.

### **10-237. 88T—Railway Section Repairer (Reserve Components), CMF 88**

*a. Major duties.* The Railway Section Repairer performs and supervises maintenance of railway tracks, roadbeds, switches, fences, and other railway facilities. Duties for MOS 88T at each skill level are:

(1) *MOSC 88T10.* Operates and maintains track motor cars. Performs repair and maintenance of track, associated rail facilities, and adjoining structures. Repairs roadbeds, signals, and switches. Gages tracks, properly spaces ties, and checks degree of elevation or curvature of tracks undergoing repairs. Makes repairs to fences, crossing gates, and sign posts.

(2) *MOSC 88T20.* Leader of a track maintenance repair crew. Provides technical expertise to subordinates performing their duties. Consults timetables and trains dispatchers to determine train movements and employs standard signals to warn operating crews of dangers. Determines need for construction machinery and arranges for its movement to the repair site; outlines repair work and coordinates with other type repair units. Supervises clearance of obstructions and combustible materials from track and surrounding areas. Supervises the installation and repair of power supply third rails.

(3) *MOSC 88T30.* Assigns and schedules work for track repair maintenance crews. Estimates time and materials required to accomplish maintenance-of-way. Measures physical characteristics of right-of-way to determine clearances and recommends operating speed in a designated area. Prepares, reviews, and consolidates reports for maintenance of railway facility activities.

(4) *MOSC 88T40.* Oversees all section gangs within a rail division. Prioritizes and coordinates maintenance-of-way activities within a rail division. Coordinates materiel and equipment requirements.

*b. Physical demands rating and qualifications for initial award of MOS.* Railway section repairers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222232.
- (3) A minimum score of 90 in aptitude area MM.
- (4) Formal training (completion of MOS 88T course conducted under the auspices of the Transportation School) mandatory or meet the civilian acquired skills criteria in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 4 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-88T-1.* Physical requirements.
- (2) *Table 10-88T-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-88T-3.* Standards of grade TDA.

### **10-238. 88U—Railway Operations Crewmember (Reserve Components), CMF 88**

*a. Major duties.* The Railway Operations Crewmember supervises and/or operates diesel-electric locomotives and related equipment; serves as crewmember or brakeman in makeup and movement of railway cars/trains; and dispatches trains or operates railway stations, railway signals and switches, and controls train movements. Duties for MOS 88U at each level are:

(1) *MOSC 88U10.* Interprets train orders. Executed instructions received from signal towers, switches, other trains and trainmen.

Signals with fuses, torpedoes, hands, flags, lamps, and engine whistles. Performs car coupling and uncoupling operations. Inspects cars at route stops; adjusts lashing and bracing to assure safe hauling of cargo. Advises dispatcher of arrival and departure times for all passing trains; compiles records of locations of all rolling stock. Performs lubrication orders on railway cars and makes minor running repairs. Seals cars and records seal numbers.

(2) *MOSC 88U20.* Supervises and provides technical guidance to subordinates performing their duties. Operates the locomotive's controls and safety appliances. Observes interprets, and executes instructions received from signal towers, switches, other trains, and trainmen. Coordinates train movements; complies with operating timetable, rule book, and other specific instructions. Receives requisitions for empty cars and authorizes movement to locations for loading. Compiles performance and delay reports for each trip and turns in locomotive inspection report showing equipment defects which require correction.

(3) *MOSC 88U30.* Supervises handling, classification and switching of cars and trains in railway yards; maintains record of daily movement of cars. Rebored receives, writes and transmits train orders; keeps crews informed of changes in road condition and schedules. Reviews operation and inspection reports. Investigates train schedule delays and recommends corrective action. Assigns locomotive operators and crewmen.

(4) *MOSC 88U40.* Establishes liaison with using agencies and representatives of civilian and military railroads. Supervises receipt and transmission of telephonic and telegraphed messages relating to train movements. Reviews time sheets to keep abreast of each scheduled train passing through territory. Investigates accidents and unusual operating incidents and recommends corrective action. Assists in providing staff supervision of subordinate unit railway operating activities.

*b. Physical demands rating and qualifications for initial award of MOS.* Railway operations crewmember must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222232.
- (3) Normal color vision.
- (4) Minimum score of 95 in aptitude area MM.
- (5) Formal training (completion of MOS 88U course conducted under the auspices of the Transportation School) mandatory or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 4 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-88U-1.* Physical requirements.
- (2) *Table 10-88U-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-88U-3.* Standards of grade TDA.

### **10-239. 88X—Railway Senior Sergeant (Railway Sr Sgt) (Reserve Components), CMF 88**

*a. Major duties.* The Railway Senior Sergeant supervises maintenance-of-way, maintenance of equipment, and is a technical expert on all matters relating to railway operations. Maintains records of strength, location, and employment of railway personnel and equipment. Coordinates operations and administrative activities. Advises on all matters related to railway operations, and equipment repair, and maintenance-of-way. Edits and prepares training materiel. Prepares, consolidates, reviews, and processes regular and special reports of command railway activities. Serves as principal NCO in railway operating unit and maintenance-of-way or repair units and in operations sections of railway battalion or higher headquarters. Additionally, must be able to supervise and perform duties of Locomotive Repairer (88P), Railway Section Repairer (88T), and Railway Operations Crewmember (88U).

*b. Physical demands rating and qualifications for initial award of*

MOS. Railway senior sergeants must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 322232.
- (3) Minimum score in aptitude area—N/A.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-88X-1.* Physical requirements.
- (2) *Table 10-88X-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-88X-3.* Standards of grade TDA N/A.

#### **10-240. 88Y—Marine Senior Sergeant (Marine Senior Sgt), CMF 88**

*(Rescinded.)*

#### **10-241. 88Z—Transportation Senior Sergeant (Transportation Sr Sgt), CMF 88**

*a. Major duties.* The transportation senior sergeant supervises the operation and control of movement for personnel and cargo by air, rail, motor transport and water. Manages and coordinates the operation and maintenance of Army watercraft. Serves as the principal NCO associated with SQI M in transportation companies. Assists in the coordination and implementation of operations, administration, training programs and communications activities. Accounts for location, employment and deployment of organic operating equipment and maintenance activities. Plans and lays out a maintenance shop and facilities. Coordinates transportation actions with subordinate and serviced activities. Consolidates, prepares, reviews and processes regular and special reports of command transportation and watercraft activities.

*b. Physical demands rating and qualifications for initial award of MOS.* Transportation senior sergeants (MOS 88Z50) must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222222.
- (3) Minimum score in aptitude area—N/A.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-88Z-1.* Physical requirements.
- (2) *Table 10-88Z-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-88Z-3.* Standards of grade TDA.

#### **10-242. 91A—Medical Equipment Repairer (Med Equip Rep), CMF 91**

*a. Major duties.* The medical equipment repairer performs maintenance services and repairs of all medical equipment. This equipment employs mechanical, hydraulic, pneumatic, compressed gas and steam, electrical/electronic, solid state, digital, microprocessor, optical and radiological principles. Other major duties for MOS 91A are at the following skill levels.

(1) *MOSC 91A10.* Performs preventive maintenance checks and services (i.e., test, operates, lubricates, adjusts, tightens, and cleans) all medical equipment. Troubleshoots to isolate malfunctioning or defective components and/or boards on medically related equipment. Computes power and space requirements for installation medical equipment and installs units to manufacturer's specifications. Prepares and submits medical equipment reports.

(2) *MOSC 91A20.* Performs duties at preceding level. Contributes to the development of medical maintenance Standing Operating Procedures. Supervises and advises subordinate personnel.

(3) *MOSC 91A30.* Supervises the performance of preventive maintenance checks and services (i.e., test, operates, lubricates, adjusts, tightens, and cleans) of medical equipment. Troubleshoots to isolate and repair malfunctioning or defective components and/or boards on medically related equipment. Participates in planning power and space requirements for the installation of medical equipment and supervises the installation to manufacturer's specifications. Prepares and submits medical equipment reports. Contributes to the development of medical maintenance Standing Operating Procedures. Performs quality control functions at all levels of medical maintenance. Supervises and advises subordinate personnel.

(4) *MOSC 91A40.* Supervises medical maintenance operations in medical facilities and medical logistic battalions. Performs installation and acceptance inspections of medical equipment at depot level maintenance activities.

(5) *MOSC 91A50.* Supervises medical maintenance operations in Major Commands, Medical Activities, Medical Centers, and Medical Logistic Battalions.

*b. Physical demands rating and qualifications for initial award of MOS.* The medical equipment repairer must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area EL.
- (5) Formal training (completion of MOS 91A course conducted under auspices of Academy of Health Sciences) mandatory.
- (6) Credit for one year high school Algebra or score of 45 or higher on GED Test 5 (high school level).

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-91A-1.* Physical requirements.
- (2) *Table 10-91A-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-91A-3.* Standards of grade TDA.

#### **10-243. 91B—Medical Specialist (Med Sp), CMF 91**

*a. Major duties.*

(1) The medical specialist provides emergency and routing outpatient and inpatient medical care/treatment for battle and non-battle casualties in both wartime and peacetime environments.

(2) Duties for MOS 91B at each level of skill are:

(a) *MOSC 91B10.* Administers emergency medical treatment to battlefield casualties, assists with outpatient care and treatment or assists with inpatient care and treatment under supervision of physician, nurse, physician's assistant or NCO.

(b) *MOSC 91B20.* Administers emergency and routine medical treatment to battle and non-battle casualties, assists with outpatient care and treatment and supervises field and clinical medical facilities under supervision of physician, nurse or physician's assistant.

(c) *MOSC 91B30.* Supervises activities of field, clinical and mobile treatment facilities.

(d) *MOSC 91B40.* Supervises paraprofessional medical service activities in large fixed and mobile treatment facilities.

(e) *MOSC 91B50.* Must be qualified in an MOS in CMF 91 (Medical) at the "4" skill level. Supervises and provides technical guidance within the Army Medical Department and Army Special Staff Activities.

*b. Physical demands rating and qualifications for initial award of MOS.* The medical specialist must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area ST.
- (5) Formal training by:

(a) Completion of MOSC 91B10, Medical Specialist Course

under the auspices of the AHS or completion of the exportable MOSC 91B10 course conducted by a RC unit approved by the AHS; or

(b) (USAR only) Civilian acquired skills per criteria listed in AR 601-210; or

(c) Completion of Phase I-A, Special Operations Medical Sergeants Course for award of MOSC 91B10; or completion of Phase I-A and Phase I-B for award of MOS 91B20 or MOS 91B30 when Phase I-B not completed. Personnel completing all three phases (Phase I-A, I-B, and Field Training Phase) and awarded MOS 18D, may be awarded MOS 91B as a secondary MOS.

c. *Additional skill identifiers.*

- (1) N3—Occupational Therapy Specialty.
- (2) N9—Physical Therapy Specialty.
- (3) P1—Orthopedic Specialty.
- (4) P2—Ear, Nose, and Throat Specialty.
- (5) P3—Eye Specialty.
- (6) P5—Master Fitness Trainer.
- (7) Y6—Cardiovascular Specialist.
- (8) 2S—Battle Staff Operations (skill level 3 and above).
- (9) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-91B-1.* Physical requirements.
- (2) *Table 10-91B-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-91B-3.* Standards of grade TDA.

#### **10-244. 91C—Practical Nurse (Prac Nurse), CMF 91**

a. *Major duties.* The practical nurse supervises or performs preventive, therapeutic, and emergency nursing care procedures under supervision of physician, nurse or NCO. Duties for MOS 91C at each level of skill are:

(1) *MOSC 91C10.* Performs preventive, therapeutic and emergency nursing care procedures under supervision of physician, nurse or NCO.

(2) *MOSC 91C20.* Performs preventive, therapeutic and emergency nursing care procedures under supervision of physician, nurse or medical NCO.

(3) *MOSC 91C30.* Performs preventive, therapeutic, and emergency nursing care procedures or supervisory management of small ward/unit.

(4) *MOSC 91C40.* Supervises management of one or more wards/units and manages para-professional nursing personnel.

(5) *MOSC 91C50.* Manages ward/unit operations in large hospital.

b. *Physical demands rating and qualifications for initial award of MOS.* The practical nurse must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222221.
- (3) A minimum score of 95 in aptitude area ST.
- (4) Formal training:

(a) Active Army inservice soldiers must have held MOS 91B and must have at least 1 year experience as a 91B. All soldiers attending the Army Medical Department Center & School (AMEDD) 91C course or St. Phillips must have either American College Test Scores with a minimum score of English 15, Reading 17, and Math 17; or a MOS 91C Course conducted under the auspices of the AMEDD Center & School. Obtain and maintain a valid and current professional license per DOD Directive 6025.13, (Exception: Soldiers attending the exportable 91C training conducted at an AMEDD Center & School approved Reserve Component School are exempt from the MOS 91B prerequisite).

(b)

(c) Soldiers covered by (a) above who fail the initial National Council Licensure Examination (NCLEX) must retake the examination at the earliest possible date. A soldier who twice fails the licensure examination or is not licensed within one year of graduation per AR 40-68 (which ever occurs first) may be released from active duty under AR 635-200 or reclassified under AR 600-200.

c. *Additional Skill Identifiers.*

- (1) M3—Dialysis Specialty.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-91C-1.* Physical requirements.
- (2) *Table 10-91C-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-91C-3.* Standards of grade TDA.

#### **10-245. 91D—Operating Room Specialist, CMF 91**

a. *Major duties.* The operating room specialist assists the nursing staff in preparing the patient and the operating room (OR) environment for surgery and for providing assistance to the medical staff during surgical procedures. They also operate the centralized material service (CMS) and are responsible for preparing and maintaining sterile medical supplies and special equipment for medical treatment facilities. The operating room specialist also assists in the management of operating room suites. Duties for MOS 91D at each level of skill are:

(1) *MOSC 91D10.* Assists in preparing patients and operating room environments for surgery and provides assistance to the medical staff during surgical procedures. Performs various preoperative and postoperative procedures as directed. Maintains the cleanliness of the operating room and sets up sterile fields for surgical procedures. Receives, cleans, decontaminates, sterilizes, stores and issues various medical supplies and equipment used during surgical procedures.

(2) *MOSC 91D20.* Performs duties shown in the preceding skill level and provides technical guidance to subordinates. Performs operating room scrubs and provides scrub and circulator services as required. Sets up, positions, and operates specialized operating room equipment. Supervises and advises subordinate personnel.

(3) *MOSC 91D30.* Performs duties shown in the preceding skill level and provides technical guidance to subordinates. Implements and monitors the automatic war and clinic delivery system. Monitors quality of sterilization techniques to ensure adherence to established standards. Supervises the maintenance programs in the operating room and the central material service. Establishes stock levels for requisitioning supplies and equipment and supervises their storage and issue. Prepares and maintains various reports and files. Supervises and advises subordinate personnel.

(4) *MOSC 91D40.* Performs duties shown in the preceding skill level and provides technical guidance to subordinates. Coordinates activities of the OR and CMS with other elements of the medical treatment facility. Develops, monitors, and evaluates training. Establishes policies for and monitors exposure levels of sterilization chemicals and anesthetic gases with the OR. Participates in the preparation of the OP and CMS budget. Supervises and advises subordinate personnel.

b. *Physical demands rating and qualifications for initial award of MOS.* The operating room specialist must possess the following qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) Normal color perception and normal vision with or without corrective lens.
- (4) No aversion to the sight of blood and freedom from chronic or recurrent skin infections or allergies when handling antiseptics, disinfectants, or cleaning agents.
- (5) A minimum score of 95 in aptitude area ST.
- (6) Formal training (completion of MOS 91B course and MOS 91D course conducted under the auspices of the AMEDD&S) mandatory or meet the Army civilian acquired skill criteria listed in AR 601-210.

c. *Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-91D-1.* Physical requirements.
- (2) *Table 10-91D-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-91D-3.* Standards of grade TDA.

#### **10-246. 91E—Dental Specialist (Dental Sp) CMF 91**

a. *Major duties.* The dental specialist assists the dental officer in prevention, examination, and treatment of diseases of teeth and oral region, or assists with the management of dental treatment facilities. Duties for MOS 91E at each level of skill are:

(1) *MOSC 91E10.* Patient care. Receives and seats patients. Prepares dental operator, selects and arranges instruments, measures and records temperature, blood pressure and pulse, and assists dentist during patient exams. Assists with administration of anesthesia and in placement and removal of sutures. Prepares restorative and impression materials. Performs Cardiopulmonary resuscitation and operates resuscitative equipment. Disposes of contaminated waste. Dental radiography. Loads and unloads radiographic film cassettes, protects self and patient from excessive ionizing radiation exposure, exposes bitewing periapical, occlusal film, panoramic radiographic darkroom procedures. Administration, supply, and maintenance. Schedules appointments, retrieves, files, and maintains dental records. Receives, stores, packs, unpacks and safeguards dental supplies and equipment. Performs preventive maintenance on dental equipment. Sets up, maintains, disassembles and packs dental field equipment shelters.

(2) *MOSC 91E20.* Assists dental officer in prevention, examination, and treatment of diseases of teeth and oral region. Assists and advises subordinate personnel on supply economy procedures. Supervises the packing, unpacking, loading, setting up and storage of dental unit field equipment and shelters. Assists in presentation of training programs. Prepares the site for field dental treatment facilities. Assists with technical and administrative management of dental treatment facilities under the supervision of a dental NCO.

(3) *MOSC 91E30.* Supervises activities of dental teams, sections, or clinics in small fixed or mobile dental facilities. Provides technical guidance. Ensures comfort, safety, and cleanliness of dental facilities. Determines personnel requirements, establishes work priorities, organizes work schedules and assigns duties. Instructs subordinates in work techniques and procedures. Evaluates personnel performance, counsels personnel and prepares evaluation reports. Supervises movements and establishment of field dental units. Prepares unit NBC plans and supervises procedures. Prepares administrative, technical, patient and manpower reports. Establishes and monitors stock level for supplies and equipment. Requisitions and maintains dental supplies and equipment.

(4) *MOSC 91E40.* Supervises activities of dental sections, clinics, medium sized fixed or mobile dental facilities. Prepares periodic and special reports concerning personnel, patients, dental care and treatment operations. Supervises and plans training in general military and MOS specific subjects. Coordinates the administrative activities and prepares and dental treatment facility SOP. Revises topography of selected operational site and advises on the location of field treatment and sanitation facilities. Plans, develops and supervises loading plans for dental field organizations. Performs staff, budget and advisory duties.

(5) *MOSC 91E50.* Serves as principal NCO of staff section, large dental clinic, dental laboratory, or dental organization. Supervises general administrative functions and coordinates personnel assignments. Evaluates training programs and requirements. Assists Commander in the administrative and technical supervision of subordinate dental facilities. Assists in the planning, development and management of the command budget programs. Coordinates and supervises unit preventive maintenance and supply programs. Assists in the development of operational plans. Provides technical assistance in planning and staffing of facilities.

b. *Physical demands rating and qualifications for initial award of MOS.* Dental specialists must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area ST.
- (5) Formal training (completion of MOS 91E course, or the RC AOCF nonresident—two week resident course, conducted under the auspices of the AHS) mandatory or meet the civilian acquired skills criteria listed in AR 601-210.

c. *Additional skill identifiers.*

- (1) N5—Dental Laboratory Specialist.
- (2) P5—Master Fitness Trainer.
- (3) X2—Preventive Dentistry Specialty.
- (4) 2S—Battle Staff Operations (level 3 and above).
- (5) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-91E-1.* Physical requirements.
- (2) *Table 10-91E-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-91E-3.* Standards of grade TDA.

#### **10-247. 91F—Psychiatric Specialist (Psychiatric Sp), CMF 91**

*(Rescinded.)*

#### **10-248. 91G—Behavioral Science Specialist (Behavioral Science Sp), CMF 91**

*(Rescinded.)*

#### **10-249. 91K—Medical Laboratory Specialist (Medical Lab Sp), CMF 91**

a. *Major duties.* The medical laboratory specialist performs bloodbanking procedures and elementary and advanced examinations of biological and environmental specimens to aid in the diagnosis, treatment, and prevention of disease and other medical disorders. MOS 91K personnel require manual dexterity and no aversion to the sight of blood or needles. Duties for MOS 91K at each level of skill are:

(1) *MOSC 91K10.* Performs elementary clinical laboratory and bloodbanking procedures.

(2) *MOSC 91K20.* Performs elementary bloodbanking and clinical laboratory procedures in hematology, immunohematology, biochemistry, serology, bacteriology, parasitology, and urinalysis.

(3) *MOSC 91K30.* Performs advanced procedures in all phases of bloodbanking and clinical laboratory testing including virology, mycology, toxicology, and histology or supervises small medical laboratory.

(4) *MOSC 91K40.* Supervises medium size medical laboratory.

(5) *MOSC 91K50.* Supervises large medical laboratory activities.

b. *Physical demands rating and qualifications for initial award of MOS.* Medical laboratory specialists must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 323222.
- (3) Normal color vision.
- (4) A minimum score of 110 in aptitude area ST.
- (5) Successful completion of high school level chemistry and algebra or proficiency exams recognized by an Army Education Center. Official high school/college transcripts required.

(6) Formal training (completion of MOS 91K10 courses for skill level 1 in MOSC 91K10 conducted under the auspices of the AMEDD Center and School) is mandatory or meet the civilian acquired skill criteria listed in AR 601-210.

c. *Additional skill identifiers.*

- (1) M2—Cytology Specialist.
- (2) M4—Blood Donor Center Operations.
- (3) P5—Master Fitness Trainer.
- (4) P9—Biological Sciences Assistant.
- (5) 2S—Battle Staff Operations (skill level 3 and above).
- (6) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-91K-1.* Physical requirements.
- (2) *Table 10-91K-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-91K-3.* Standards of grade TDA.

#### **10-250. 91M—Hospital Food Service Specialist (Hosp Food Svc Sp), CMF 91**

a. *Major duties.* The hospital food service specialist assists in the supervision of medical nutrition care operations, or plans, prepares, cooks, and serves food for regular and modified diets in field and fixed hospitals. Duties for MOS 91M at each skill level are:

(1) *MOSC 91M10.* Performs basic clinical dietetic functions in the dietary management and treatment of patients. Prepares, cooks, and serves modified and regular food items according to nutrition care treatment plans under the supervision of a dietitian or NCO.

(2) *MOSC 91M20.* Performs and supervises basic clinical dietetic functions in the dietary management and treatment of patients. Supervises, prepares, cooks, and serves modified and regular food items according to nutrition care treatment plans under supervision of a dietitian or senior NCO.

(3) *MOSC 91M30.* Supervises the clinical dietetic management aspects in nutrition clinics, clinical dietetic branches, or production and service branches in nutrition care divisions. Supervises and assists in the preparation, cooking, and serving of modified and regular food items.

(4) *MOSC 91M40.* Supervises the production and service branch in nutrition care divisions.

(5) *MOSC 91M50.* Supervises the nutrition care divisions or appropriate headquarters staff position.

b. *Physical demands rating and qualifications for initial award of MOS.* The hospital food service specialist must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222332.
- (3) Normal color vision.
- (4) A minimum score of 100 in aptitude area OF.
- (5) Formal training as follows or meet the civilian acquired skills criteria listed in AR 611-210:

(a) Successfully complete the Food Service Specialist (Resident) Course (94B10) or have been awarded MOS 94B and complete the Hospital Food Service Specialist (Resident) Course (MOS 91M10). If grade SSG or above at the time of initial classification into MOS 91M, qualification above must be met and attendance at the Advanced Hospital Food Service Specialist (Resident) Course (MOS 91M30) successfully completed before award of the MOS.

(b) For RC only. Qualified as Food Service Specialist (MOS 94B), attained certificate of completion of Hospital Food Service Specialist (Basic) Correspondence Course; successfully complete the 2 week RC resident training at the Academy of Health Sciences, and complete a 2 week active duty experience in an Army nutrition care activity, with favorable recommendation from Chief, Nutrition Care Division.

c. *Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-91M-1.* Physical requirements.
- (2) *Table 10-91M-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-91M-3.* Standards of grade TDA.

#### **10-251. 91P—Radiology Specialist, CMF 91**

a. *Major duties.* The radiology specialist operates fixed and portable radiology equipment or supervises radiology activities. MOS

91P personnel require good eye-hand coordination and manual dexterity, no aversion to the sight of blood and be able to stand for long periods of time.

(1) *MOSC 91P10.* Operates fixed and portable Radiology equipment; Reads and interprets radiographic requests and physician's orders. Transports and escorts patients within the radiology area. Prepares, assembles and adjusts instruments, materials and equipment. Performs radiographic examinations of the upper and lower extremities, vertebral column, trunk and skull. Performs soft tissue radiographic examinations and bone surveys. Assist in performing body section radiography, foreign body localization, prenatal, pediatric, urogenital, and radiographic examinations of respiratory, vascular and nervous systems. Cleans intensifying screens. Develops radiographic film using automatic and manual processing. Applies radiation, electrical and mechanical protective measures. Maintains daily ledger and performs routine patient administration. Maintains patient locator file, radiographic files, and report files. Inspects and performs operator maintenance on radiology equipment. Packs, unpacks, loads and unloads radiology equipment, assembles and disassembles radiology equipment and shelters.

(2) *MOSC 91P20.* Operates fixed and portable Radiology equipment. Performs duties shown in preceding level of skill and provides technical guidance to lower grade personnel in accomplishment of their duties. Disseminates radiographic reports. Assembles radiographs for reading. Performs body section, prenatal, and pediatric radiographic procedures. Performs follow-up radiographic examinations of the digestive, urogenital, respiratory, vascular, and nervous systems. Assists with special radiographic and fluoroscopic procedures. Requisitions and maintains necessary levels of radiographic/medical supplies. Evaluates radiographic personnel performance. Counsels radiographic personnel and prepares evaluation reports. Supervises packing, loading, unpacking, assembly and disassembling of radiology equipment and shelters.

(3) *MOSC 91P30.* Performs complex or specialized radiographic procedures to include duties shown in preceding level of skill or activities medium-size Radiology activity. Inspects radiology activities for compliance with radiation safety procedures and to ensure orderly and clean environment for patient, and initiates corrective action. Organizes work schedules. Assigns duties and instructs personnel in technical procedures. Supervises operator maintenance on equipment. Prepares and updates unit and section SOP. Prepares and conducts radiology training programs. Assists in quality assurance program. Coordinates radiographic examinations of patients.

(4) *MOSC 91P40.* Supervises large Radiology Activity. Performs duties shown in preceding level of skill. Establishes work priorities and distributors workload. Reviews, consolidates, and prepares technical, personnel, and administrative reports. Coordinates and site preparation for installation of radiographic equipment. Assist in personnel matters, supply economy procedures, and fiscal matters. Prepares manpower survey reports. Prepares the operating budget for Department of Radiology. Reviews operations to ensure compliance with JCAHO standards.

(5) *MOSC 91P50.* Supervises Radiology activity in MEDCEN, large MEDDAC or General Hospital. Performs duties shown in preceding level of skill. Instructs in the procedures for developing and conducting training of military and civilian radiographic technicians. Monitors the use, requirement, maintenance, and management of resources.

b. *Physical demands rating and qualifications for initial award of MOS. X-ray specialists must possess the following qualifications:*

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) A minimum score of 110 in aptitude area ST.
- (4) One year of Algebra (9th grade or above).
- (5) Normal color perception and normal vision with or without corrective lens.
- (6) Females must not be pregnant.

(7) For training (completion of MOS 91B course and MOS 91P course conducted under the auspices of the AHS) mandatory or meet the Army civilian acquired skill criteria listed in AR 601-210.

c. *Additional skill identifiers.*

- (1) M5—Nuclear Medicine Specialist.
- (2) P5—Master Fitness Specialist.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-91P-1.* Physical requirements.
- (2) *Table 10-91P-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-91P-3.* Standards of grade TDA.

### 10–252. 91Q—Pharmacy Specialist, CMF 91

*a. Major duties.* The pharmacy specialist prepares, controls, and issues pharmaceutical products under the supervision of a pharmacist or physician, or supervises pharmacy activities. MOS 91Q personnel require finger dexterity in both hands. Duties for MOS 91Q at each level are:

(1) *MOSC 91Q10.* Prepares, controls, and issues pharmaceutical products. Prescription handling and dispensing: Under close supervision, manually or using a computerized system: receives, interprets, compounds, manufactures, fills, labels, issues and files prescription, bulk drug, sterile product and/or unit dose orders. Evaluates orders to verify dosage, dosage regimen and quantity to be dispensed. Checks for completeness and correctness and for common interactions, in-compatibilities and availability. Refers questionable orders or questions on basic formulation to supervisor for clarification. Reduces or enlarges formulas, as required. Calculates and annotates proper dosage. Evaluates completed orders to ensure integrity of final product. Provides information regarding availability, strength and composition of medications to physicians or pharmacists. Verifies patient eligibility for receipt of medication. Provides instructions to patients regarding medication consumption and side effects. Performs quality control checks on medications. Issues medications to patients, wards, clinics and other using agencies. Supply, administration and maintenance: Assigns and records prescription numbers. Delivers unit dose, sterile products, bulk drug and controlled drug orders. Prepares prescription labels and affixes auxiliary labels. Maintains signature cards and prescription files. Prepares and maintains files of controlled substances stock cards, records and work units. Maintains master formula record, batch sheet and patient medication record. Maintains pharmacy reference files and publication library. Prepares and files pharmaceutical reports. Prepares requisitions for and receives, packs, unpacks, stores, safeguards and accounts for inventories. Controls and issues pharmaceuticals and pharmacy supplies. Inspects, calibrates, operates and performs preventive maintenance on common pharmaceutical manufacturing and packaging equipment. Cleans and disinfects pharmacy equipment and work areas. Packs, unpacks, loads and unloads equipment and assists in setting up unit equipment.

(2) *MOSC 91Q20.* Prepares duties shown in preceding level of skill and provides technical guidance to lower grade personnel in accomplishment of these duties. Prepares, controls and issues pharmaceutical products to include chemotherapeutics. Evaluates sterile products and orders to include calculations, identification of drug interactions and drug compatibilities. Maintain pharmacy system database.

(3) *MOSC 91Q30.* Performs duties shown in preceding level of skill. Assists with or supervises pharmacy operations. Prescription handling and dispensing: Refers questionable drug orders or questions on basic formulation to appropriate professional for clarification. Prepares master formula cards and drug control ledgers. Reviews and updates compounding formula reference file. Supervises requisitioning of standard and nonstandard supplies. Establishes and maintains stock levels. Researches and interprets pharmaceutical supply catalogs. Disposes of unserviceable and outdated pharmaceuticals. Organizes work schedules, assigns duties and instructs subordinates in work techniques, procedures, and evaluates pharmacy operations. Establishes work priorities and distributes work load. Inspects pharmacy area to ensure orderly, clean and safe

environment. Supervises operational maintenance program of pharmacy equipment. Prepares and conducts training programs. Evaluates personnel performance, counsels personnel and prepares evaluation reports. Prepares and updates pharmacy Standard Operating Procedure (SOP).

(4) *MOSC 91Q40.* Supervises pharmacy operations. Performs duties shown in preceding level of skill. Ensures compliance with quality control methods and procedures. Assists in compiling information for Pharmacy and Therapeutics Committee Meetings. Assists in revision and update of hospital formulary or drug list. Reviews work schedules. Establishes, reviews, evaluates and makes necessary revisions to training programs. Ensures compliance with Army and Federal rules, laws and regulations relative to pharmacy operations. Directs and supervises supply inventories. Reviews established stock levels to ensure compliance with command guidance. Reviews requisitions for standard and nonstandard items and emergency medications. Reviews, consolidates and prepares technical, personnel and administrative reports. Assists pharmacist in personnel matters. Prepares manpower survey reports. Coordinates pharmacy and personnel matters pertaining to pharmacy with other elements of medical treatment facility. Reviews operations to ensure compliance with Joint Commission Accreditation Hospital Organizations (JCAHO) standards.

(5) *MOSC 91Q50.* Supervises pharmacy activities within the Army Medical Department (AMEDD). Performs duties shown in preceding level of skill. Assists in establishment and operation of formal training programs for specialized areas. Ensures compliance with quality control standards for doctrinal material in formal training programs. Compiles information for Pharmacy and Therapeutic Committee Meeting.

*b. Physical demands rating and qualifications for initial award of MOS.* Pharmacy specialists must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area ST.
- (5) Formal training (completion of the MOS 91B course and MOS 91Q course conducted under the auspices of the AHS) mandatory or meet the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-91Q-1.* Physical requirements.
- (2) *Table 10-91Q-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-91Q-3.* Standards of grade TDA.

### 10–253. 91R—Veterinary Food Inspection Specialist (Vet Food Insp Sp), CMF 91

*a. Major duties.* The veterinary food inspection specialist supervises the inspection of, or inspects meat, poultry, water foods, eggs, dairy products, operational rations, fresh fruits and vegetables in depots, supply points, and on military installations to assure a safe, high quality food supply for DoD personnel in all environments with emphasis on the field wartime environment. Duties for MOS 91R at each level of skill are:

(1) *MOSC 91R10.* Inspects food products designated for human consumption on receipt and in storage. Selects food samples using statistical sampling methods, makes sensory evaluations, determines and records temperatures of products and food in storage areas. Evaluates packaging, packing and marking requirements in accordance with DoD standards and contractual documents. Classifies defects, determines quality of product, advises supervisor, and prepares subsistence inspection reports. Collects, prepares, and transmits samples to laboratory for testing. Identifies unsanitary conditions in food storage facilities and commissary stores. Operates

and maintains inspection equipment. Packs, unpacks, loads, unloads, and assists in setting up veterinary unit equipment. Performs duties in accordance with approved standards of conduct and reports suspected fraud.

(2) *MOSC 91R20*. Performs duties shown in preceding level of skill and provides technical guidance to junior personnel. Develops statistical sampling procedures. Collects, prepares, and transmits samples to laboratory for testing. Reviews laboratory test results and compares to product requirements. Records contractual deficiencies and initiates recommendations for corrective actions. Conducts subsistence quality assurance inspections in food handling establishments, evaluates and recommends corrective actions for unsanitary conditions. Prepares and maintains quality history record and product verification record and distributes as required. Performs pest management, monitoring of packaged water supplies, and field sanitation procedures. Conducts sanitary inspections in military and commercial facilities.

(3) *MOSC 91R30*. Develops and directs procurement quality assurance activities in contractor establishments. Supervises small food inspection or combined veterinary service unit. Supervises the food inspection equipment maintenance program, prepares and conducts technical training. Monitors subordinate personnel performance, performs counseling, and prepares evaluation reports. Assists veterinarian in control of zoonotic diseases and other animal diseases of military concern and significance. Reviews, consolidates and analyzes food inspection reports. Conducts sanitary inspections in military and commercial facilities. Conducts NBC surveys and decontaminates subsistence supplies. Utilized as the subject matter expert and team leader for the food protection quality assurance program.

(4) *MOSC 91R40*. Supervises medium sized or combined veterinary service unit. Coordinates transportation, administration, and logistical support of food inspectors and animal care specialists assigned to local activities and at remote sites. Develops, evaluates, and directs individual and collective training programs. Reviews, consolidates, and prepares technical reports. Reviews and updates publications. Prepares and reviews correspondence. Serves as advisor to veterinary officer in developing food product quality assurance programs.

(5) *MOSC 91R50*. Supervises large combined veterinary service units or serves on veterinary staff. Coordinates veterinary service activities with all elements of Department of Defense organizations, veterinary staff elements, and subordinate organizations. Participates in command review of subordinate unit activities, evaluates training programs, and provides recommendations for improvement. Develops budgets, training schedules, and authorization documents. Assists commander in strategic planning, risk management procedures, tactical communication plans, and advises commander on all issues involving enlisted soldiers.

*b. Physical demands rating and qualifications for initial award of MOS.* Veterinary food inspection specialists must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision and good near vision.
- (4) Possession of normal olfactory senses.
- (5) A minimum score of 100 in aptitude area ST.
- (6) High school diploma or GED with credit for general science, or mathematics (minimum score of 45 on GED Test 5, High School level is satisfactory for math requirements).
- (7) Formal training (completion of MOS 91R course, or the RC AOCP nonresident—two week resident course, conducted under the auspices of the AHS) mandatory.
- (8) No pattern of undesirable behavior as evidenced by civilian or military record.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-91R-1*. Physical requirements.
- (2) *Table 10-91R-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-91R-3*. Standards of grade TDA.

## **10-254. 91S—Preventive Medicine Specialist (Pvnt Med Sp), CMF 91**

*a. Major duties.* The preventive medicine specialist conducts or assists with preventive medicine inspections, surveys, control operations, and preventive medicine laboratory procedures, supervises preventive medicine facilities, or serves on preventive medicine staff. Duties for MOS 91S at each level of skill are:

(1) *MOSC 91S10*. Conducts preventive medicine inspections, surveys and control operations and assists with preventive medicine laboratory procedures.

(2) *MOSC 91S20*. Conducts preventive medicine inspections, surveys, and control operations and assists with preventive medicine laboratory procedures. Supervises subordinate personnel in the performance of their duties.

(3) *MOSC 91S30*. Supervises small preventive medicine services or units. Organizes water, food sanitation, hospital environment, entomological, epidemiological, and environmental stress surveillance programs. Analyzes and evaluates collected data. Supervises technical and administrative functions of preventive medicine activities.

(4) *MOSC 91S40*. Supervises medium size preventive medicine services or medical teams/detachments. Assists with development of unit defense plans and operational orders. Reviews and makes appropriate recommendations on doctrine and training literature. Maintains intelligence information and records. Establishes quality control procedures for inspection programs and laboratory analysis. Develops community health education programs. Evaluates existing preventive medicine programs and modifies as necessary to meet the needs of the population served.

(5) *MOSC 91S50*. Supervises large preventive medicine services or units, or serves on preventive medicine staff. Staff activities include writing, developing, and coordinating command-wide regulations and policies relating to preventive medicine services. Participates in command review and approval of subordinate unit activities. Assists in planning and placement of field medical units. Evaluates training programs and provides recommendations for improvement. Participates in studies and reviews. Maintains records of strength, location and employment of preventive medicine assets.

*b. Physical demands rating and qualifications for initial award of MOS.*

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area ST.
- (5) Credit for completion of one year each of high school level chemistry and algebra or equivalent. Proficiency exam recognized by an Army Education Center fulfill this requirement.
- (6) Formal training (completion of MOS 91S course, or the RC AOCP nonresident—2 week resident course, conducted under the auspices of the AHS) mandatory.

*c. Additional skill identifiers.*

- (1) N4—Health Physics Specialist.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-91S-1*. Physical requirements.
- (2) *Table 10-91S-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-91S-3*. Standards of grade TDA.

**10–255. 91T—Animal Care Specialist (Animal Care Sp), CMF 91**

*a. Major duties.* The animal care specialist supervises or provides the care, management, treatment, and sanitary conditions for animals, with a primary responsibility of prevention and control of diseases transmitted from animal to man and comprehensive care for government owned animals. Duties for MOS 91T at each level of skill are:

(1) *MOSC 91T10.* Provides routine daily care for animals in veterinary treatment or research and development facilities. Obtains medical history from owners and/or handlers and measures and records animal vital signs. Performs physical examinations to detect obvious abnormalities and reports findings to veterinarian. Positions and restrains animals for examination and treatment. Calculates doses and administers oral and topical medications as directed by the veterinarian. Maintains sanitary conditions for all components of the veterinary treatment facilities to include operating room and equipment. Assists veterinarian in surgical procedures and performs euthanasia when instructed by veterinarian. Cleans, debrides, and sutures superficial wounds. Collects, preserves, and prepares blood, urine, feces, skin scrapings, and post mortem specimens for shipment and evaluation. Performs routine diagnostic laboratory tests such as fecal smears, urinalysis, blood counts, and chemistries. Records laboratory test results. Takes and develops radiographs of designated animal body parts. Initiates and maintains animal health records, immunization records, animal registration files, animal bite case reports, and other administrative office files.

(2) *MOSC 91T20.* Performs duties shown at preceding skill level. Provides technical guidance, management, and training to junior personnel. Performs advanced emergency medical procedures on animals such as triage, tracheotomy, burn and poison management, venous cutdown, and insertion of stomach tubes. Operates mechanical respirators, heart monitors, and gas sterilizer apparatus. Supervises supply management and patient administration procedures. Prepares budgets, trains handlers in emergency care of animals, and assists on research protocol teams.

(3) *MOSC 91T30.* Performs duties of and supervises the functions of preceding skill levels. Develops and establishes standard operating procedures for operations of veterinary treatment facilities. Assists in scheduling, conducting, and evaluating training of veterinary service enlisted personnel. Reviews, consolidates, and prepares technical reports. Performs as a liaison for the veterinary officer to interact with installation medical authorities, installation commanders, and civilian agencies.

(4) *MOSC 91T40.* Schedules, monitors, and evaluates the unit training program and maintains unit/individual training records. Assists the commander in preparing, monitoring, and evaluating the unit operations plan. Compiles and evaluates management and personnel data. Reviews operations of veterinary service to ensure compliance with laws and regulations regarding humane care and treatment of animals. Monitors laboratory animal procurement procedures and serves on laboratory animal protocol boards. Provides technical assistance in planning, staffing, and modifying existing animal facilities.

*b. Physical demands rating and qualifications for initial award of MOS.* Animal care specialists must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) Minimum score of 95 in aptitude area ST.
- (5) Successful completion and credit for high school course in one of the biological sciences.
- (6) High school diploma/GED.
- (7) Formal training (completion of MOS 91T course conducted under the auspices of the AHS) mandatory **or** meet the civilian acquired skills criteria listed in AR 601-210, chapter 7.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-91T-1.* Physical requirements.
- (2) *Table 10-91T-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-91T-3.* Standards of grade TDA.

**10–256. 91V—Respiratory Specialist (Respiratory SP), CMF 91**

*a. Major duties.* The respiratory specialist assists with the management of a respiratory unit or administers respiratory therapy and performs pulmonary function tests under the supervision of a physician or nurse anesthetist. Duties for MOS 91V at each level of skill are:

(1) *MOSC 91V20.* Administers respiratory therapy and performs pulmonary function tests.

(2) *MOSC 91V30.* Administers respiratory therapy and performs pulmonary function tests.

(3) *MOSC 91V40.* Administers respiratory therapy and performs pulmonary function tests.

*b. Physical demands rating and qualifications for initial award of MOS.* Respiratory specialists must possess the following qualifications:

- (1) A physical demands rating—N/A.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area ST.
- (5) High school or college level algebra with a C or higher within the last 5 years. College chemistry with C or higher.

(6) Formal training (completion of MOS 91B medical specialist training and MOS 91V course conducted under the auspices of the AMEDD Center and School) mandatory or meet the civilian acquired skills criteria listed in AR601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-91V-1.* Physical requirements.
- (2) *Table 10-91V-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-91V-3.* Standards of grade TDA.

**10–256.1. 91X—Mental Health Specialist (Mental Health Sp), CMF 91**

*a. Major duties.* The mental health specialist, under the supervision of a psychiatrist, social worker, psychiatric nurse, psychologist, assists with the management and treatment in/out-patient mental health activities, during peace time or mobilization; collects and records psychosocial and physical data; counsels and treats clients/patients with personal, behavioral or mental health problems. Duties for MOS 91X at each skill level are:

(1) *MOSC 91X10.* Under close supervision, collects and records psychosocial and physical data, assists with care and treatment of psychiatric, drug and alcohol patients, and counsels clients/patients with personal, behavioral or psychological problems.

(2) *MOSC 91X20.* Collects and records psychosocial and physical data and assists with care and treatment of psychiatric, and drug and alcohol patients, and counsels clients/patients with personal, behavioral or psychological problems.

(3) *MOSC 91X30.* Collects and records psychosocial and physical data and assists with direct treatment of psychiatric, drug and alcohol patients, with the management of psychiatric in/out patient settings, counsels clients/patients with personal, behavioral or psychological problems and assists with management of mental health activity.

(4) *MOSC 91X40.* Assists professional staff with management and supervision of patient treatment in inpatient and outpatient mental health activities. Assists professional staff in the supervision of

patient treatment programs, personnel matters, supply economy procedures, fiscal, technical and administrative matters.

*b. Physical demands rating and qualifications for initial award of MOS.* The mental health specialist must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 111121.
- (3) A minimum score of 105 in aptitude area ST.
- (4) Formal training (completion of MOS 91B and 91X course conducted under the auspices of the AHS) mandatory.

*c. Additional skill identifiers.*

- (1) M8—Drug and Alcohol Counselor.
- (2) P5—Master Fitness Trainer.
- (3) Y2—Transition.
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade. Physical requirements and SG relating to each skill level are listed in the following tables:*

- (1) *Table 10-91X-1.* Physical requirements.
- (2) *Table 10-91X-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-91X-3.* Standards of grade TDA.

### **10–257. 92A—Automated Logistical Specialist (Auto Log Spec) CMF 92**

*a. Major duties.* The automated logistical specialist supervises and performs management or stock record/warehouse functions pertaining to receipt, storage, distribution, and issue and maintains equipment records and parts. Duties for MOS 92A at each level of skill are:

(1) *MOSC 92A10.* Establishes and maintains stock records and other documents such as inventory, materiel control, accounting and supply reports. Establishes and maintains automated and manual accounting records, posts receipts and turn-ins, and performs dues-ins and dues-outs accounting. Corrects error and exception documents. Reviews and verifies quantities received against bills of lading, contracts, purchase requests, and shipping documents. Unloads, unpacks, visually inspects, counts, segregates, pelletizes, and stores incoming supplies and equipment. Maintains stock locator system and administers document control procedures. Repairs and constructs fiberboard or wooden containers. Packs, crates, stencils, weighs, and bands equipment and supplies. Constructs bins, shelving, and other storage aids. Processes requests and turn-in documents at direct support level through warehousing section. Processes inventories, surveys, and warehousing documents. Performs prescribed load list (PLL) and shop stock list (SSL) duties in manual and automated supply applications. Prepares, annotates and distributes shipping documents. Breaks down and distributes field rations. Operates materiel handling equipment (MHE). Performs accounting and sales functions in self-service supply.

(2) *MOSC 92A20.* Performs duties shown at preceding level of skill and provides technical guidance to lower graded personnel. Ensures that inventories and location surveys are performed in accordance with established procedures. Instructs warehouse personnel in loading, unloading, segregation, dunnage, pelletizing, and selection of stock and storage areas. Performs property disposal storage functions. Ensures application of special procedures for handling, storing, packaging and shipping retrograde material. Retrieves and analyzes history and activity files pertinent to system rejected documents. Recommends additions and deletions to authorized stockage list. Maintains accounting records of property disposal activity. Reviews requests for major and controlled items. Reconciles activity records for monthly and quarterly reporting and status reviews. Processes data inquiry and manager referred listings and cards. Manages controlled, critical and reserve stocks and operational readiness floats. Performs financial management functions. Process output from catalog inquiry program, document modifiers and special cancellation requests. Performs commissary store functions to include stock replenishment, price changes, inventories, security, stock receipt, and oversees the constructions of displays. Computes cost of

the Basic Daily Food Allowance. Ensures subsistence items stockage objectives are met. Prepares data input and utilizes ADP output to assist in materiel management. Prepares reports on labor and equipment, available storage space, relocation of materiel, warehouse refusals, and stock requirements. Directs correction of location survey discrepancies. Assists unit intermediate maintenance personnel in planning maintenance program. Plans and coordinates subsistence supply activity. Directs corrective action to minimize spoilage, flavor contamination, and improper warehouse practices.

(3) *MOSC 92A30.* Assigns duties, instructs, and supervises subordinates in proper work techniques and procedures. Plans and analyzes operational data and reports to ascertain degree of conformity with established policies, work standards, and procedural directives. Supervises preparation of materiel control and accounting input for data processing and reviews output documents. Inspects and evaluates inventory management activities. Directs supply personnel in establishment and maintenance of supply and inventory control management functions. Analyzes statistical data to determine effectiveness of technical edit. Reconciles problems in automated supply accounting system. Computes, establishes, and directs modification to authorized stock levels. Plans and organizes receipt, issue, salvage and maintenance of records for all classes of supply except CI III (Buick), CI V and CI VIII. Ensures compliance with current regulations and directives pertaining to financial inventory, accounting, and stock funding. Determines current and projected repair requirements. Directs lateral redistribution of stock. Performs supervisory duties shown in preceding levels of skill. Prepares and updates warehouse planigraphies. Conducts inspection of activities to ensure compliance with standards of serviceability, reclamation, salvage, and disposal procedures. Conducts warehousing surveillance and inspections. Prepares reports on personnel and equipment availability, storage space, relocation of materiel, and warehouse denials. Serves as warehouse foreman, chief accountant, store managers, or commissary officer. Interviews, hires and dismisses employees in accordance with COP and commissary regulations. Establishes issue schedules and procedures.

(4) *MOSC 92A40.* Performs supervisory duties shown in preceding level of skills. Conducts inspections and provides technical assistance to storage activities. Assists in development and preparation of operations information including plans, maps, sketches, overlays, and other data related to supply organization employment. Performs liaison and staff duties in a supply and maintenance activity or in a command and staff logistics activity. Analyzes operations statistical data and reports to ascertain functional trends, conformance to standards and directives, and efficiency of operations. Reviews material receipt and off-line document processing procedure. Responsible for the requisition, accountability, wholesomeness, and the safe storage of subsistence items for division size elements and larger. Plans and writes LOIs for subsistence support for major field exercises. Works with and advises installation food service and installation menu board. Interprets and uses command and CONUS annual food plans. Ensures compliance with directives related to subsistence supply storage and distribution operations, including world wide operations. Manages the operation of a troop issue subsistence activity.

(5) *MOSC 92A50.* Serves as principal NCO of supply and services operations. Supervises operation of organizations performing supply and related service operations such as decontamination, transportation, property disposal, and commissary operations. Supervises open and covered storage, receiving, classification, issue materials handling, supply locator systems, facility safety, and supply security operations. Supervises management of materiel support functions in stock control and accounting, procurement, inventory control, and item financial management. Supervises development and preparation of operations information, plans, maps, sketches, overlays, and related data to employment supply and service organizations. Analyzes reports on supply and service support operations.

*b. Physical demands rating and qualifications for initial award of MOS.* Automated logistical specialists must possess the following qualifications:

- (1) Physical demands rating of very heavy.

- (2) Physical profile of 222222.
  - (3) A minimum score of 95 in aptitude area CL.
  - (4) Normal color vision.
  - (5) Mandatory formal training.
- c. Additional skill identifiers.*
- (1) B1—Rough Terrain Container Handling and Operation.
  - (2) B5—Standard Army Maintenance System (SAMS) (SL 3 and below).
  - (3) F3—Corps/Installation Supply Operations Automated.
  - (4) G1—Purchasing NCO.
  - (5) G2—Standard Army Retail Supply Operations Automated.
  - (6) P5—Master Fitness Trainer.
  - (7) T8—Division Supply Accounting (DS4/Direct Support Unit Standard Supply System).
  - (8) 2S—Battle Staff Operations (skill level 3 and above only).
  - (9) 4A—Reclassification Training.
- d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:
- (1) *Table 10-92A-1.* Physical requirements.
  - (2) *Table 10-92A-2.* Standards of grade TOE/MTOE.
  - (3) *Table 10-92A-3.* Standards of grade TDA.

**10-257.1. 92G—Food Service Operations (Food Service Ops), CMF 92**

*a. Major duties.* The food service specialist supervises or prepares, cooks and serves food in field or garrison food service operations. Duties for MOS 92G at each skill level are:

(1) *MOSC 92G10.* Performs preliminary food preparation procedures. Prepares and/or cooks menu items listed on the production schedule. Bakes, fries, braises, boils, simmers, steams and saute's as prescribed by Army recipes. Sets up serving lines, garnishes food items, and applies food protection and sanitation measures in field and garrison environments. Receives and stores subsistence items. Performs general housekeeping duties. Operates, maintains, and cleans field kitchen equipment. Erects, strikes, and stores all types of field kitchens. Performs preventive maintenance on garrison and field kitchen equipment.

(2) *MOSC 92G20.* Performs duties shown in previous skill level and provides technical guidance to lower grade personnel in garrison and field kitchen operations. Ensures that proper procedures, temperatures, and time periods are adhered to during food preparation. Directs safety, security, and fire prevention procedures. Performs limited supervisory and inspection functions including shift supervision.

(3) *MOSC 92G30.* Performs duties shown in previous skill level when required and prepares more complex menu items. Supervises shift, unit, or consolidated food service operations in field or garrison environments. Establishes operating and work procedures, inspects dining, food preparation/storage areas, and dining facility personnel. Determines subsistence requirements. Requests, receives, and accounts for subsistence items. Applies food service accounting procedures. Prepares production schedule and makes necessary menu adjustments. Establishes, administers, and maintains OJT and apprenticeship training programs. Prepares technical, personnel, and administrative reports concerning food service operations. Implements emergency, disaster, and combat feeding plans. Coordinates logistical support.

(4) *MOSC 92G40.* Performs duties shown in previous skill level when required and assigns personnel to duty positions. Coordinates with food service officer, food advisor, and first cooks. Coordinates with TISA, facility engineers, and veterinary activity. Plans and implements menus to ensure nutritionally balanced meals. Ensures accuracy of accounting and equipment records. Develops and initiates Standing Operating Procedures (SOP) and safety, energy, security, and fire prevention programs. Evaluates contract food service operations. Ensures contractor compliance in food service contract operations.

(5) *MOSC 92G50.* Develops, coordinates, implements, advises, and evaluates food service programs. Monitors requests for food

items and equipment. Develops and analyzes troop menus and coordinates menu substitutions. Evaluates operation of garrison and field kitchens, field bakeries, food service training facilities, and maintenance of equipment. Surveys individual preferences, food preparation, and food conservation. Prepares reports, studies, and briefings on food service operations. Provides assistance to food service officers and NCOs.

*b. Physical demands rating and qualifications for initial award of MOS.* The food service specialists must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 222332.
- (3) Normal color vision.
- (4) A minimum core of 90 in aptitude area OF.
- (5) Must possess a valid motor vehicle operator license or meet the criteria for motor vehicle driver and equipment operator selection, training, testing and licensing contained in AR 600-55, paragraph 1-5.
- (6) For duty on personal staff of general officer, individuals must:
  - (a) Volunteer in writing for such duty.
  - (b) Meet the qualifications above and the requirements of AR 614-200, section XI, para 8-78 inclusive.
- (7) MOS qualification may be attained by meeting the civilian acquired skills criteria listed in AR 601-210.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) Z5—Enlisted Aide.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-92G-1.* Physical requirements.
- (2) *Table 10-92G-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-92G-3.* Standards of grade TDA.

**10-257.2. 92M—Mortuary Affairs Specialist (Mortuary Affairs Sp), CMF 92**

*a. Major duties.* The mortuary affairs specialist performs or supervises duties relating to deceased personnel to include recovery, collection, evacuation, establishment of tentative identification, escort and temporary burial. They also inventory, safeguard and evacuate personal effects of deceased personnel. Duties for MOS 92M at each level of skill are:

(1) *MOSC 92M10.* Searches areas for unburied dead, hasty, isolated, or unmarked graves, personal effects, and identification media. Disinters remains, records personal effects and evacuates remains and personal effects to designated points. Determines and records recovery locations on maps, sketches, and overlays. Establishes and records tentative identification. Assists in preparation, preservation, and shipment of remains. Inventories, safeguards, and evacuates personal effects. Assists in mass casualty burials.

(2) *MOSC 92M20.* Plans and supervises search and recovery operations of deceased personnel, personal effects, and identification media. Instructs in special handling, marking, and shipping of contagious disease cases and processing of contaminated remains. Supervises receipt, storage, and issue of supplies and equipment. Accompanies remains and personal effects to designated locations and assists with arrangements for military honors at place of burial.

(3) *MOSC 92M30.* Performs duties shown in previous skill level when required and prepares more complex menu items. Advises commanders and headquarters staff on mortuary affairs activities and coordinates activities of subordinate units. Establishes and maintains liaison with support and combat units. Coordinates transportation requirements for deceased personnel.

(4) *MOSC 92M40.* Performs duties shown at the preceding skill level and provides technical guidance to lower grade personnel. Advises on temporary cemetery locations, emergency burials, and security and disposition of remains and personal effects. Coordinates

with non-U.S. service authorities, other service authorities and civilian officials on mortuary affairs matters. Coordinates and advises on military burials and ceremonies. Assists in review of mortuary services contracts. Advises summary court authorities on disposition of personal effects. Supervises mortuary affairs activities.

(5) *MOSC 92M50*. Supervises mortuary affairs activities, provides technical and administrative support on graves registration matters, acquisition of land for temporary cemeteries, equipment requirements for mortuaries, and recovery/evacuation procedures.

*b. Physical demands rating and qualifications for initial award of MOS.* Mortuary affairs specialists must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222222.
- (3) A minimum score of 90 in aptitude area GM.
- (4) Formal training (completion of MOS 92M course conducted under the auspices of the U.S. Army Quartermaster School) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 2-92M-1*. Physical requirements.
- (2) *Table 2-92M-2*. Standards of grade TOE/MTOE.
- (3) *Table 2-92M-3*. Standards of grade TDA.

### **10–257.3. 92R—Parachute Rigger, CMF 92**

*a. Major duties.* The parachute rigger supervises or packs and repairs cargo and personnel parachutes, and rigs equipment and supply containers for airdrop. Duties for MOS 92R at each level of skill are:

(1) *MOSC 92R1P*. Inventories, cleans, receives, stores and issues all airdrop equipment used in airdrop operations. Rigs supplies, equipment and vehicles for airdrop. Assembles airdrop platform, cushioning materials, cargo, extraction and personnel parachute along with other airdrop related equipment. Inspects, tests and installs extraction and release systems. Performs technical, routine and in-storage rigger-type inspection on cargo, extraction and personnel parachute as well as other airdrop equipment before, during and after each use. Pack cargo, extraction and personnel parachutes. Performs unit, direct and general support maintenance on all parachutes, textile components and other airdrop equipment. Uses and maintains machines and tools for fabrication, modification and repair to parachute and other airdrop equipment. Drop-test troop-type personnel parachute to check proficiency.

(2) *MOSC 92R2P*. Performs duties in pacing, airdrop rigger and airdrop equipment repair shown at the above skill level. Provides technical guidance and supervision to subordinate personnel. Maintains production reports and records. Inspects and classifies airdrop items. Performs initial and final inspection on all parachutes and airdrop textile component. Performs as inspector testers, pack-in-process inspector and as quality assurance personnel. Performs as malfunction officer at the drop zone. Diagnoses malfunctions occurring in airdrop equipment during airborne operations.

(3) *MOSC 92R3P*. Performs duties at preceding skill level. Supervises parachute pack, maintenance or airdrop sections. Directs section activities, schedules and assigns work load, instructs personnel on job requirement, techniques and inspects work in progress. Inspects and certifies airdrop loads, airdrop equipment repair and parachute packing. Inspects air items to ensure manufacture quality control. Controls and expedites coordination with airborne support activities. Assists in planning and coordinating training for standard and nonstandard rigging, sling loading and airdrop procedures.

(4) *MOSC 92R4P*. Performs duties shown at preceding skill level. Supervises and provides technical guidance to subordinate personnel. Assist airdrop officer in planning, coordinating, requisitioning, receiving and storing equipment and supplies for

airdrop. Coordinates with supporting Air Force and Army aviation elements. Provides technical direction and coordination for activities supporting routing and contingency missions. Maintains status on all jumps and airdrops to include schedules by G3 at division level. Prepares and submits required status reports. Maintains a reference library of current publication, regulations and SOP relating to airdrop and airdrop support. Participates in development and operational testing of airdrop equipment. Performs as the senior NCO in a separate detachment/unit engaged in parachute packing, maintenance and airdrop equipment rigging.

(5) *MOSC 92R5P*. Performs duties shown at preceding level of skill and provides technical guidance to subordinate personnel. Supervises operations of organizations performing airborne and resupply by airdrop missions. Supervises development and preparation of operations information, plans, maps, sketches, overlays, and related data to facilitate airborne operations. Advises on airborne operational matters and performs liaison between staff and supported personnel.

*b. Physical demands rating and qualifications for initial award of MOS.* Parachute riggers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 111121.
- (3) A minimum score of 90 in aptitude area GM and 90 in aptitude area CO.
- (4) Normal color vision.
- (5) The soldier must be qualified as a parachutist.
- (6) Formal training (completion of MOS 92R course conducted under the auspices of the U.S. Army Quartermaster School) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) W7—Special Forces Underwater Operations.
- (3) W8—Special Forces Military Free Fall Operations.
- (4) 2S—Battle Staff Operations (skill level 3 and above).
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-92R-1*. Physical requirements.
- (2) *Table 10-92R-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-92R-3*. Standards of grade TDA.

### **10–258. 92Y—Unit Supply Specialist (Unit Supply Spec), CMF 92**

*a. Major duties.* The unit supply specialist supervises or performs duties involving request, receipt, storage, issue, accountability, and preservation of individual, organizational, installation, and expendable supplies and equipment. Duties for MOS 92Y at each level of skill are:

(1) *MOSC 92Y1O*. Receives, inspects, inventories, loads, unloads, segregates, stores, issues, delivers and turns-in organization and installation supplies and equipment. Operates unit level computer (ULC). Prepares all unit/organizational supply documents. Maintains automated supply system for accounting of organizational and installation supplies and equipment. Issues and receives small arms. Secures and controls weapons and ammunition in security areas. Schedules and performs preventive and organizational maintenance on weapons.

(2) *MOSC 92Y2O*. Performs duties shown at preceding level of skill and provides technical guidance to lower grade personnel. Inspects completed work for accuracy and compliance with established procedures. Coordinates supply activities. Reviews and annotates changes to unit material condition status report. Post transactions to organizational and installation property books and supporting transaction files. Determines method of obtaining relief from responsibility for lost, damaged and destroyed supply items.

(3) *MOSC 92Y3O*. Performs duties shown at preceding level of skill and provides guidance to lower grade personnel. Directs supply personnel in establishing supply and inventory control management functions. Maintains property under standard property book system (SPBS). Reviews daily and monthly records of issues of petroleum

products and operating supplies. Provides technical assistance to equipment records and parts specialist. Assists and advises supply officer and commander.

(4) *MOSC 92Y40*. Performs supervisory and management duties shown at preceding level of skill. Analyzes statistical data and reports to ascertain trends, conformance to standard and directives, and efficiency of operations. Coordinates logistical activities with other staff elements supply and service, and motor transport units. Conducts assistance visits to subordinate elements. Develops and executes training programs.

(5) *MOSC 92Y50*. Supervises development and preparation of operations information, plans, maps, sketches, overlays, and related data to employ supply and service organizations. Contributes to staff development and operations of supply support data systems, equipment review, salvage and repair parts supply procedures. Performs liaison between staff and supported personnel to improve effectiveness of support activities. Conducts inspections and provides technical assistance to the Inspector General.

*b. Physical demands rating and qualifications for initial award of MOS.* Unit supply specialists must possess the following qualifications:

- (1) A physical demands rating of heavy.
- (2) A physical profile of 222222.
- (3) A minimum score of 95 in aptitude area CL.
- (4) Normal color vision.
- (5) Mandatory formal training.
- (6) No documented instances in the last 5 years of conduct which reflects adversely on the character, honesty, or integrity of the soldier to include:

(a) No conviction by court-martial or by any Federal or state court.

(b) No juvenile adjudication by state court.

(c) No punishment under Article 15, Uniform Code of Military Justice (UCMJ) caused by incidents that reflect adversely on the soldiers integrity and lack of trust.

(d) No letter of reprimand, censure, or admonition under the provisions of AR 600-37, chapter 3.

(e) Voluntary confession after proper rights warning according to Article 31(b), UCMJ, or under applicable Federal or state law.

*Note.* Disqualification under this paragraph is waivable by a military review board.

(7) No other record of disciplinary action under UCMJ or pattern of behavior which indicates a lack of integrity or which is inconsistent with the 92Y position of trust.

(8) No conviction or other adverse disposition for criminal offenses listed as a misdemeanor or felony as outlined in AR 601-210, chapter 4. This criteria is not waivable.

*c. Additional skill identifiers.*

- (1) A3—Force Development (TAADS).
- (2) F7—Pathfinder.
- (3) G3—Standard Property Book System.
- (4) P5—Master Fitness Trainer.
- (5) 2S—Battle Staff Operations (skill level 3 and above).
- (6) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-92Y-1*. Physical requirements.
- (2) *Table 10-92Y-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-92Y-3*. Standards of grade TDA.

## **10-259. 92Z—Senior Noncommissioned Logistician, CMF 92**

*a. Major duties.* The senior noncommissioned logistician supervises soldiers engaged in supply, services, materiel management and logistics operations. The critical duties for MOS 92Z are: Perform duties of MOS 92A and 92Y at the “5” skill level. Serves as principal NCO of supply and services operations. Supervises operation of organizations performing supply and related service operations such as transportation, property disposal, and commissary

operations. Supervises management of materiel support functions in stock control and accounting, procurement, inventory control, and item financial management. Supervises development and preparation of operations information, plans, maps sketches, overlays and related data to employ supply and service organizations. Contributes to staff development and operations of supply support data systems, equipment review, salvage and repair parts supply procedures, and maintenance support systems. Supervises preparation of orders, operating instructions, reports, and related technical materials. Performs liaison between staff and supported soldiers to improve effectiveness of support activities.

*b. Physical demands rating and qualifications for initial award of MOS.* Senior noncommissioned logisticians, MOSC 92Z50, must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 322332.
- (3) Minimum score in aptitude area—N/A.
- (4) Must possess finger dexterity in both hands.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations.
- (3) 4AS—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-92Z-1*. Physical requirements.
- (2) *Table 10-92Z-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-92Z-3*. Standards of grade TDA.

## **10-260. 93B—Aeroscout Observer, CMF 93**

*a. Major duties.* The Aeroscout Observer participates in aerial observation operations in the observation/scout helicopter (OH58A/C). Duties for MOS 93B at each level of skill are:

(1) *MOSC 93B10*. Locates a target by grid coordinates. Performs navigation by pilotage and dead reckoning. Locates geographic coordinates on a map. Communicates by radio following established procedures. Transmits information using visual signaling techniques. Performs as a crewmember. Performs flight mission planning. Recognizes hazards to flight. Performs before takeoff, before landing, and after landing checks. Prepares situation report (SITREP) and spot reports. Assists with radio navigation and vertical helicopter Instrument Flight Rules (IFR) recovery. Locates aeronautical data in DOD Flight Information Publications (FLIPS). Operates Identification Friend or Foe equipment/Selective Identification Feature (IFF/SIF). Assists with emergency procedures and performs emergency aircraft handling. Performs aerial observation. Identifies allied and threat equipment and personnel. Directs close air support (CAS) strikes. Calls for/adjusts indirect fire. Performs target handoff to attack helicopters. Performs aerial radiological survey. Calls and controls tactical airstrike/joint air attack team (JAAT). Formulates and transmits a pilot report (PIREP).

(2) *MOSC 93B20*. Performs duties described in paragraph (1) and provides technical guidance to subordinate personnel. Prepares and distributes operations maps, and overlays. Identifies location, strength, and tactical deployment of enemy and friendly units. Interprets maps and aerial photographs. Marks vehicle routes on map. Reproduces, distributes, and files documents.

(3) *MOSC 93B30*. Provides information for tactical deployment. Collects, reports, and evaluates intelligence information. Coordinates with adjacent and supporting elements. Evaluates routes and assembly areas for aerial combat operations. Prepares, assembles, and distributes an operation plan/operation order/annex. Prepares fragmentary and warning orders. Requests preplanned close air support. Prepares enemy/friendly situation map.

*b. Physical demands rating and qualifications for initial award of MOS.* Aeroscout observers must possess the following qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 222111.
- (3) Meet and maintain the requirements for Army Class II Medical fitness standard per AR 40-501.

(4) Minimum scores of 105 in aptitude area ST and 80 in Alternate Flight Aptitude Selection Test (AFAST).

(5) The ability to enunciate clearly in English.

(6) A security clearance of SECRET.

(7) Be a U.S. citizen.

(8) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This qualification will not be waived, even though the soldier/potential enlistee satisfactorily completed the Army program or civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, third edition, 1987 (DSM III) is disqualifying. Commander, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendation of the chain of command and the Commander, USA Aeromedical Center. A soldier/potential enlistee who completed any aspect of the ADAPCP program and is involved in an additional offense involving alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance, or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of no diagnosis apparent, improper use“ is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, nonjudicial punishment under Article 15, UCMJ or voluntary confession after rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88 or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlistment in any armed force.

(9) Formal training (completion of a resident MOS 93B course conducted under the auspices of the U.S. Army Aviation School) mandatory. Waiver for formal training criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

c. *Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) Q2—Aviation Life Support Equipment (ALSE).

(3) W5—OH-58D Qualifications.

(4) 2S—Battle Staff Operations (skill level 3 and above).

(5) 4A—Reclassification Training.

d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-93B-1.* Physical requirements.

(2) *Table 10-93B-2.* Standards of grade TOE/MTOE.

(3) *Table 10-93B-3.* Standards of grade TDA.

## **10–261. 93C—Air Traffic Control (ATC) Operator (ATC Operator), CMF 93**

a. *Major Duties.* The air traffic control operator supervises and provides ATC services, to include flight following using visual flight rules (VFR), instrument flight rules (IFR) and special visual flight rules (SVFR), at ATC facilities. Duties for MOS 93C at each level of skill are:

(1) *MOSC 93C10.* Operates fixed and tactical ATC towers, radars, and flight following facilities. Assists in the installation, and relocation of tactical ATC facilities. Operates tactical navigation aids (NAVAIDs). Applies air traffic control rules, procedures, and regulations. Processes flight plan data. Formulates and issues ATC clearances, advisories, and control information. Maintains logs, records, files, and tape recordings of voice communications. Interprets and relays notice to airmen (NOTAM) information. Reads and interprets DOD Flight Information Publications (FLIPS) and aeronautical charts. Analyzes air traffic to identify and resolve potential conflicts. Controls airborne and ground traffic on and in the vicinity of the airport. Updates Automated Terminal Information Systems (ATIS) and performs radar scope alignment. Coordinates terminal/enroute control. Provides non-radar approach control, ground-controlled approach, enroute flight following, and tower services.

(2) *MOSC 93C20.* Conducts ATC facility and OJT training. Briefs shift personnel on runway utilization, airfield conditions and weather/ground activities. Prepares and updates flight following maps. Supervises the operation of flight following facilities. Supervises a shift in a tactical ATC Tower, radar, or flight following facility.

(3) *MOSC 93C30.* Serves as Facility Chief at low density towers, radar or flight following facilities. Administers ATC facility. Formulates and coordinates letters of agreement, operations letters, and facility memorandums. Prepares duty rosters, and assigns duties to personnel. Ensures facility flight check requirements are met for navigational aids, radar, and radio communications equipment. Plans and organizes ATC activities for tower, radar, and flight following activities and verifies facility compliance with Army and FAA standards. Evaluates ATC operations and work performance. Reviews and prepares reports. Assists in the preparation of Standard Instrument Approach/Enroute/Departure Procedures (TERPS). Coordinates ATC activities with other facilities.

(4) *MOSC 93C40.* Serves as facility chief. Plans, organizes, and supervises ATC facilities. Establishes and supervises the facility training and rating program. Advises in the preparation of TERPS. Ensures proper utilization, and coordination of maintenance support. Prepares and interprets orders and reports. As ATC Platoon Sergeant, coordinates the logistical, personnel, and administrative support for all platoon elements.

b. *Physical demands rating and qualification for initial award of MOS.* ATC operator must meet the following qualifications:

(1) Physical demands rating of very heavy.

(2) A physical profile of 222211.

(3) Normal color vision.

(4) Be able to meet Army Class 2A medical fitness standards for flying as prescribed in AR 40-501.

(5) The ability to clearly enunciate English without impediment of speech that would interfere with 2-way radio communication.

(6) A minimum score of 100 in aptitude area ST.

(7) Formal training (completion of a resident MOS 93C course conducted under the auspices of the U.S. Army Aviation School) mandatory or meeting the Army Civilian Acquired Skills Program (ACASP) criteria listed in AR 601-210. Waiver for formal training or ACASP criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

(8) A Federal Aviation Agency (FAA) certificate of grades reflecting successful completion of written examination in accordance with AR 95-2.

(9) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This qualification will not be waived, even though the soldier/potential enlistee satisfactorily completed the Army alcohol and drug abuse rehabilitation program or civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1987 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendation of the

chain of command the Cdr, USA Aeromedical Center. A soldier/Potential enlistee who completes any aspect of the ADAPCP program is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance, or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under AR 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88, or SF 93. (Experimentation is defined as one time use of casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's 18th birthday, and prior to enlisted in any armed force.

*c. Additional Skill Identifier.*

- (1) F7—Pathfinder.
- (2) F8—Flight Simulator (UH1FS) Consol Operations.
- (3) P5—Master Fitness Trainer.
- (4) Q8—Tactical Air Operations.
- (5) 2S—Battle Staff Operations (skill level 3 and above).
- (6) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-93C-1.* Physical requirements.
- (2) *Table 10-93C-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-93C-3.* Standards of grade TDA.

**10-262. 93D—Air Traffic Control Equipment Repairer (ATC Equip Rep), CMF 93**

*(Rescinded.)*

**10-263. 93F—Field Artillery Meteorological Crewmember (FA Met Crmbr), CMF 13**

*a. Major duties.* FA meteorological crewmembers lead, supervise or participate in the operation of a field artillery meteorological observation station. Duties for MOS 93F at each level of skill are:

(1) *MOSC 93F10.* Operates meteorological equipment in meteorological station. Prepares for operation and operates electrical generators. Assembles, tests, and adjusts radiosonde transmitter. Obtains ballistic temperature and densities. Prepares meteorological balloons for launching and performs operator maintenance of meteorological equipment, vehicles, and communications equipment.

(2) *MOSC 93F20.* Operates meteorological equipment, plots meteorological data manually, and operates computer in meteorological station. Supervises the repair and maintenance of meteorological equipment, vehicles, communication, electronic, and other organic section equipment. Performs power emergency shut down procedures on MDS, final checks of radiosonde transmitter and receiving equipment. Terminates meteorological flight operations, performs duties shown in preceding level of skill and provides technical guidance to subordinate personnel.

(3) *MOSC 93F30.* Supervises the operation of meteorological observation station and serves as a team leader during periods of extended operations. Checks and verifies all conversion data, met messages, plots, charts, and records. Selects NAVAID chain/stations

and supervises march order/emplacement of section equipment. Performs duties shown in preceding level of skill.

(4) *MOSC 93F40.* Leads the meteorological section/station in combat operations. Supervises operation and maintenance of all section and meteorological equipment. Selects operating sites and keeps personnel informed on the tactical situation to include the operational plans. Reviews, consolidates, and prepares technical, personnel, and administrative reports covering meteorological section/station activities.

*b. Physical demands rating and qualifications for initial award of MOS.* FA meteorological crewmembers must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area EL.
- (5) Formal training under auspices of USAFAS is mandatory to qualify for award of MOS.

*c. Additional Skill Identifiers.*

- (1) H1—Meteorological Equipment Maintenance.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-93F-1.* Physical requirements.
- (2) *Table 10-93F-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-93F-3.* Standards of grade TDA.

**10-264. 93P—Aviation Operations Specialist (Aviation Ops Sp), CMF 93**

*a. Major duties.* The aviation operations specialist schedules and dispatches tactical aircraft missions and performs associated operational administrative duties. Duties for MOS 93P at each level of skill are:

(1) *MOSC 93P10.* Processes cross-country and local flight clearances, including examination for conformance with flight rules and regulations. Prepares and maintains cross country kits. Checks accuracy of flight plans. Coordinates flight plans with all related agencies. Maintains flight information on inbound and outbound flights. Monitors, with the proper agencies, overdue flights. Alerts crash crew for emergencies. Maintains current file on aircraft flying regulations and navigation information, such as Army, DoD and FAA regulations, DoD flight information publications (FLIPS) and aeronautical charts. Safeguards classified material. Knows terminology used in air navigation and is aware of air traffic control advisory radio procedures. Encodes, decodes and posts notices to airmen (NOTAMS). Interprets and posts teletype weather reports. Maintains individual flight records and functional files. Maintains flight operations equipment in a tactical environment. Prepares and submits operators mecoming, intrusion, jamming and interference reports. Participates in maintaining situation map.

(2) *MOSC 93P20.* Supervises and instructs subordinates in proper work techniques and procedures. Reviews, consolidates, and prepares technical reports. Knows procedures for reporting flight violations. Prepares situation map. Supervises receipt and transfer of classified material. Participates in the development of a tactical crash rescue system.

(3) *MOSC 93P30.* Provides technical guidance to subordinate personnel. Supervises the preparation of the situation map. Assists in preparation of operations estimates and orders. Supervises airfield services and administration. Applies operational and administrative techniques in movement of military personnel and supplies by air. Performs administrative duties in aircraft accident investigations. Prepares operations letters.

(4) *MOSC 93P40.* Provides tactical and technical expertise to subordinates and superiors in aviation operations. Plans, coordinates, and supervises activities pertaining to organization, training, combat operations and combat intelligence. Coordinates implementation of operations, training programs, and communications activities.

(5) *MOSC 93P50*. Plans, organizes, and manages ATC facilities. Serves as Chief Instructor in the ATC school. Serves as ATC operations NCO in ATC Bn, Bde, and ATC school and as Senior Staff NCO at Bde level or higher.

*b. Physical demands rating and qualifications for initial award of MOS.* Aviation operations specialist must possess the following qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) A minimum score of 95 in aptitude area ST.
- (4) A security clearance of SECRET.
- (5) A U.S. citizen.

(6) Alcohol and drug abuse as defined below will disqualify any soldier or potential enlistee from this MOS. This disqualification will not be waived, even though the soldier/potential enlistee satisfactorily completes the Army Alcohol or Drug Abuse Rehabilitation Program or a civilian equivalent, except as specified below:

(a) A medically diagnosed history of alcohol abuse as defined in the substance use disorder section of the Diagnostic and Statistical Manual III, 3rd Edition, 1987 (DSM III) is disqualifying. Cdr, PERSCOM may waive this disqualification after a soldier/potential enlistee in this MOS successfully completes the Army Alcohol and Drug Abuse Prevention and Control Program (ADAPCP) Track I, II or III, or its civilian equivalent, based on the recommendations of the chain of command and the Cdr, USA Aeromedical Center. A soldier/potential enlistee who completes any aspect of the ADAPCP program and is involved in an additional offense involving alcohol or alcohol abuse will be immediately reclassified or denied enlistment in this MOS as a high risk.

(b) Except as provided in (e) below, a wrongful or improper use of narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying.

(c) A positive result of urine test administered per AR 600-85 that leads to medical evaluation and a finding of "no diagnosis apparent, improper use" is disqualifying.

(d) Except as provided in (e) below, a documented instance of the use, sale, transfer, possession, or manufacture of any narcotic or other controlled substance or dangerous drug as defined by 21 USC 801, et seq, is disqualifying. A documented instance includes conviction by any courts martial or any civilian court. Convictions include juvenile adjudication, non judicial punishment under Article 15, UCMJ, or voluntary confession after proper rights warning according to Article 31(b), UCMJ.

(e) A soldier or potential enlistee will not be disqualified for teenage civilian experimentation with marijuana or other cannabinoids disclosed in voluntary confessions of drug experimentation documented solely by information obtained from DD Form 1966, SF 88, or SF 93. (Experimentation is defined as one time use or casual use over a short period of time resulting from peer pressure.) The use disclosed must have occurred prior to the individual's eighteenth birthday, and prior to enlistment in any armed force.

(7) Formal training (completion of a resident MOS 93P course conducted under the auspices of the U.S. Army Aviation School) mandatory. Waiver for formal training criteria must be submitted to Cdr, USAAVNC, ATTN: ATZQ-AP, Ft Rucker, AL 36362 for approval.

*c. Additional skill identifiers.*

- (1) A2—Aviation Safety.
- (2) P5—Master Fitness Trainer.
- (3) Q2—Aviation Life Support Equipment (ALSE).
- (4) Q8—Tactical Air Operations.
- (5) Y2—Transition (personnel only).
- (6) 2S—Battle Staff Operations (skill level 3 and above).
- (7) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-93P-1*. Physical requirements.
- (2) *Table 10-93P-2*. Standards of grade TOE/MTOE.

(3) *Table 10-93P-3*. Standards of grade TDA.

### **10-265. 94B—Food Service Specialist (Food Service Sp), CMF 94**

*(Rescinded.)*

### **10-266. 95B—Military Police, CMF 95**

*a. Major duties.* Military police supervise or provide support to the battlefield by conducting battlefield circulation control, area security, prisoner of war operations, civilian internee operations, law and order operations on the battlefield and support to the peacetime Army community through security of critical Army resources, crime prevention programs and preservation of law and order. Duties for MOS 95B at each level of skill are:

(1) *MOSC 95B10*. Performs as a team member in support of battlefield operations, installation law and order operations and security of Army resources and installations.

(2) *MOSC 95B20*. Leads military police teams in support of battlefield operations and leads and supervises small sections in support of security and installation law and order operations.

(3) *MOSC 95B30*. Leads military police squads and sections, operates police desks, plans crime prevention measures, operates evidence rooms and prepares operations plans and orders in military police detachments in support of both battlefield and installation law and order operations and security of resources and installations.

(4) *MOSC 95B40*. Leads military police platoons, large detachments and sections. Supervises and performs duties as Provost Sergeant and MP Operations NCO, prepares circulation or traffic control plans and operations orders in support of both battlefield and installation law and order operations and security of resources and installations.

(5) *MOSC 95B50*. Performs 1SG duties or provides staff supervision, prepares plans, procedures and operational orders as Provost Sergeant, Operations Sergeant, Intelligence NCO and Security NCO in support of battlefield and installation law and order operations and security of resources and installations.

*b. Physical demands rating and qualifications for initial award of MOS.* (Qualifications in subparagraphs (6), (7), (8), (9), (10), (11), (15) and (16) below are required for retention if MOS). Military police must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222221.
- (3) Red/green color discrimination.
- (4) A minimum score of 95 in aptitude area ST.
- (5) A security clearance of CONFIDENTIAL.
- (6) Meets all requirements for Personnel Reliability Program (PRP) qualifications.
- (7) Must possess a valid state motor vehicle operator license.
- (8) No objection to performing security duties in the vicinity of nuclear or chemical munitions stored or staged for military use.
- (9) No record of more than 15 days lost under section 972-10-USC.
- (10) No information in Provost Marshal Office, Intelligence Office, Military Personnel Record Jacket (MPRJ) or medical records which would prevent the granting of a security clearance under AR 604-5.
- (11) No record of pre-trial intervention or conviction by military or civil court of the following:
  - (a) Any offense involving force or violence.
  - (b) Any offense listed under para 4-22, AR 601-210 (misdemeanor), or similar offense not listed for which the maximum possible sentence exceeds 4 months of confinement.
  - (c) Two or more offenses within 5 years prior to the date of enlistment listed under AR 601-210, para 4-21, (minor non-traffic), or similar offense not listed for which the maximum possible sentence is less than 4 months confinement.
  - (d) Three or more minor traffic offenses as listed under AR 601-210, para 4-20, (minor traffic) during the 12 months period prior to entry on active duty (does not include traffic violations considered misdemeanor or felony by virtue of fine amount per AR 601-210).
  - (e) No pattern of behavior or actions that is reasonably indicative

of a contemptuous attitude toward the law or other duly constituted authority.

(12) Minimum age of 18 at time of entrance on active duty.

(13) No objection to performing security duties in the vicinity of nuclear or chemical munitions stored or staged for military use.

(14) Must possess a valid state motor vehicle operator license.

(15) No record of possession or use of any narcotic or non-narcotic drug as defined by Article 134, UCMJ and AR 600-50. (Personnel entering active duty may be granted waiver at Military Entrance Processing Station by the PERSCOM Security Interviewer DoD policy on cannabis use).

(16) Formal training (completion of MOS 95B course conducted under the auspices of the U.S. Army Military Police School) mandatory.

(17) All applicants for MOS 95B must be interviewed by PERSCOM Security Interviewer. Waivers will only be granted by ODCSPER (DAPE-MPA-RP). Service members reclassifying for MOS 95B must be interviewed by local Provost NCO (SFC or above) or Provost Marshal (CPT or above). Written endorsement must accompany re-enlistment contract.

*c. Additional skill identifiers.*

(1) H3—Physical Security Operations (SL 2 and above).

(2) P5—Master Fitness Training.

(3) Q9—Traffic Accident Investigation.

(4) V5—Military Police Investigation.

(5) Z6—Military Working Dog (MWD) Handler.

(6) 2S—Battle Staff Operations (SL 3 and above).

(7) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-95B-1.* Physical requirements.

(2) *Table 10-95B-2.* Standards of grade TOE/MTOE.

(3) *Table 10-95B-3.* Standards of grade TDA.

### **10-267. 95C—Corrections Specialist, CMF 95**

*a. Major duties.* The corrections specialist controls, supervises, and counsels military prisoners and manages confinement operations and correctional treatment programs. Duties for MOS 95C at each level of skill are:

(1) *MOSC 95C10.* Assists with supervision and management of military prisoners, and provides external security to confinement/corrections facility.

(2) *MOSC 95C20.* Supervises, counsels and manages military prisoners in confinement/correction facilities.

(3) *MOSC 95C30.* Supervises confinement facility operations, counseling, management, training and employment of military prisoners in confinement/corrections facility.

(4) *MOSC 95C40.* Supervises confinement facility operations and establishes procedures for counseling, management, training and employment of military prisoners in confinement/correction facility.

(5) *MOSC 95C50.* Supervises and establishes procedures for all type activities within confinement/correction facility.

*b. Physical demands rating and qualifications for initial award of MOS.* The corrections specialist must possess the following qualifications:

(1) Physical demands rating moderately heavy.

(2) A physical profile of 222221.

(3) Red/green color discrimination.

(4) A minimum score of 100 in aptitude area ST.

(5) No court-martial convictions. No record of any disciplinary action under UCMJ which indicates behavior inconsistent with the high standards of corrections specialist.

(6) No record of more than 15 days lost under section 972-10-USC, appendix 3, MCM 1068.

(7) No record of civilian convictions other than minor traffic offenses.

(8) No information in Provost Marshal Office, Intelligence Office, Military Personnel Record Jacket (MPRJ) or medical records

which would prevent the granting of a security clearance under AR 604-5.

(9) No record of pre-trial intervention or conviction by military or civil court of the following:

(a) any offense involving force or violence.

(b) Any offense listed under AR 601-210, para 4-22, misdemeanor), or similar offense not listed for which the maximum possible sentence exceeds 4 months of confinement.

(c) Two or more offenses within 5 years prior to the date of enlistment listed under AR 601-210, para 4-21, (minor non-traffic), or similar offense not listed for which the maximum possible sentence is less than 4 months confinement.

(10) Must possess a valid statemotor vehicle operator.

(11) Minimum age of 18 at time of entrance on active duty.

(12) No medically diagnosed history of alcoholism, psychotic disorders, antisocial behavior, objection to bearing and use of arms when necessary of any behavioral characteristic which may be considered prejudicial to the reliable performance of corrections specialist duties.

(13) No record of possession or use of any narcotic or nonnarcotic drug as defined by Article 134, UCMJ and AR 600-50. (Personnel entering active duty may be granted waiver at Military Entrance Processing Station by the PERSCOM Security Interviewed per DoD Policy on cannabis use).

(14) Formal training (completion of MOS 95C course conducted under the auspices of the Commandant, U.S. Army Military Police School) mandatory.

*c. Additional skill identifiers.*

(1) H3—Physical Security Operations (skill level 2 and above).

(2) P5—Master Fitness Trainer.

(3) V5—Military Police Investigation.

(4) 2S—Battle Staff Operations (skill level 3 and above).

(5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-95C-1.* Physical requirements.

(2) *Table 10-95C-2.* Standards of grade TOE/MTOE.

(3) *Table 10-95C-3.* Standards of grade TDA.

### **10-268. 95D—CID Special Agent, CMF 95**

*a. Restriction on use of MOS.* Use of this MOS for position classification is authorized only with approval of Commander, USACIC.

*b. Major duties.* The CID Special Agent supervises or conducts investigations of incidents and offenses or allegations of criminality affecting DA or DOD personnel, property, facilities, or activities. Duties for MOS 95D at each level of skill are:

(1) *MOSC 95D20.* Assists in investigations of incidents and offenses or allegations of criminality.

(2) *MOSC 95D30.* Investigates incidents and offenses or allegations of criminality.

(3) *MOSC 95D40.* Investigates incidents and offenses or allegations of criminality, reviews completed cases and processes evidence. Serves as Chief of Investigative Support.

(4) *MOSC 95D50.* Assists in staff management or provides NCO direction to units engaged in criminal investigative operations.

*c. Physical demands rating and qualifications for initial award of MOS.* The CID Special Agent must possess the following qualifications:

(1) Physical demands rating—N/A.

(2) A physical profile of 222221.

(3) Normal color vision.

(4) A minimum score of 110 in aptitude area ST.

(5) Must complete 95D course of instruction.

(6) Must be able to speak and write clearly to express questions, conduct interviews, and present information when testifying.

(7) Must be accepted or accredited by the Commander, USA Criminal Investigation Command, as provided by AR 195-3.

(8) Must complete apprentice period, as provided by AR 195-3. (See para 6-4 and table 6-3 for use of ASI Y2 with MOS 95D).

*d. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*e. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-95D-1.* Physical requirements.
- (2) *Table 10-95D-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-95D-3.* Standards of grade TDA.

**10–269. 96B—Intelligence Analyst (Intel Analyst), CMF 96**

*a. Major duties.* The intelligence analyst supervises, performs, or coordinates, collection management, analysis, processing, and dissemination of strategic and tactical intelligence. Duties for the MOS 96B at each skill level are:

(1) *MOSC 96B10.* Prepares all source intelligence products to support the combat commander. Assists in establishing and maintaining systematic, cross-referenced intelligence records and files. Receives and processes incoming reports and messages. Assists in determining significance and reliability of incoming information. Assists in integrating incoming information with current intelligence holdings and prepares and maintains the situation map. Assists in the analysis and evaluation of intelligence holdings to determine changes in enemy capabilities, vulnerabilities, and probable courses of action. Assists in the preparation of Order of Battle records using information from all sources and in the preparation of strength estimates of enemy units. Assembles and proofreads intelligence reports and assists in consolidating them into military intelligence. Prepares Intelligence Preparation of the Battlefield (IPB) products.

(2) *MOSC 96B20.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Analyzes current intelligence holdings to identify gaps, and subsequent intelligence collection requirements. Considers enemy Order of Battle records in the development of collection tasks and assessment of enemy vulnerabilities and probable courses of action. Assists in the preparation of reports on captured enemy material. Drafts periodic and special intelligence reports, plans, and briefings.

(3) *MOSC 96B30.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises the receipt, analysis, dissemination, and storage of intelligence information. Supervises the IPB process. Quality controls analysis performed by subordinates. Assists in the preparation of indicators to satisfy priority intelligence requirements. Provides indicators and current situation briefings to subordinates. Receives, produces and disseminates intelligence reports containing information obtained from all sources. Assists in preparing and conducting command intelligence training programs. Supervises intelligence operations within a combat battalion.

(4) *MOSC 96B40.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Assembles enemy intelligence information and material. Coordinates flow of intelligence information between intelligence disciplines and supervises the all source production process. Supervises intelligence operations within combat brigade. Conducts general intelligence training. Supervises collection management in an Analysis Control Element (ACE).

(5) *MOSC 96B50.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Trains immediate subordinates in specific phases of intelligence operations. Assists in appraisal of intelligence, operations, and training procedures. Coordinates operating requirements of subordinate units. Supervises intelligence operations in a division ACE.

*b. Physical demands rating and qualifications for initial award of MOS.* Intelligence analysts must possess the following qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area ST.

(5) The soldier must meet TOP SECRET security clearance and Sensitive Compartmented information (SCI) access eligibility requirements.

(6) A high school graduate.

(7) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200, chapter 1.

(8) No information in military personnel, Provost Marshal, intelligence, or medical records which will prevent the granting of security clearance under AR 380-67.

(9) No record of conviction by court-martial.

(10) No record of conviction by a civil court for any offense other than minor traffic violations.

(11) The soldier must be a U.S. citizen.

(12) Soldier and spouse must not have immediate family members who reside in a country within whose boundaries physical or mental coercion is known to be common practice, either against-

(a) Persons accused of acting in the interest of the United States or

(b) The relatives of such persons to whom they may reasonably be considered to be bound by ties of affection, kinship, or obligation. Near relatives will also include uncles, aunts, grandparents, father-in-law, mother-in-law, and relationships corresponding to any of the above persons in loco parentis (AR 630-5, para 6-2b).

(13) Have neither commercial nor vested interest in a country within whose boundaries physical or mental coercion is known to be a common practice against persons acting in the interest of the U.S. This requirement applies to the soldier's spouse as well.

(14) Be advised that due to the nature of training and assignments, temporary restrictions may be placed on foreign travel both during and after the term of service.

(15) Meet career management and development criteria contained in AR 600-200, AR 614-200, and DA Pam 351-4.

(16) Formal training (completion of MOS 96B course conducted under the auspices of the U.S. Army Intelligence Center) mandatory.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 1F-ASAS Master (use with grades SSG-MSG only).
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 2T-TENCAP Data Analyst.
- (5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-96B-1.* Physical requirements.
- (2) *Table 10-96B-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-96B-3.* Standards of grade TDA.

**10–270. 96D—Imagery Analyst, CMF 96**

*a. Major duties.* The imagery analyst supervises or analyzes aerial and ground permanent record imagery developed by photographic and electronic means. Plans and recommends the use of imaging sensors for reconnaissance and surveillance missions. Duties for MOS 96D at each level of skill are:

(1) *MOSC 96D10.* Uses principles and techniques of photography and employs electronic, mechanical, and optical devices to obtain information from imagery. Obtains intelligence by studying and analyzing imagery products. Determines target coordinates for accurate location of imagery analysis findings. Identifies enemy weapons, equipment, and defenses and determines Order of Battle. Analyzes military installations and lines of communications. Conducts battle damage assessment (BDA) analysis. Prepares imagery analysis reports and products.

(2) *MOSC 96D20.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Identifies entry zones. Computes volume by manual and automated means. Analyzes industrial facilities, telecommunications networks, and their components. Prepares Imagery Support requests. Determines National Imagery Interpretation Rating Scale (NIIRS) of imagery. Performs quality control check on aerial imagery analysis reports.

Supervises analysis of Battle Damage Assessment and Order of Battle activity. Maintains imagery requirements database.

(3) *MOSC 96D30*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Prepares imagery input to the collection plan. Uses all source intelligence in support of imagery intelligence reconnaissance and surveillance missions. Performs quality control checks on aerial imagery analysis reports. Supervises analysis of Battle Damage Assessment and Order of Battle activity. Maintains imagery requirements database.

(4) *MOSC 96D40*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Prepares the collection plan, reproduction and dissemination requirements. Maintains the collection management data base. Tasks imagery collection assets.

(5) *MOSC 96D50*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises activities pertaining to the organization, training and operations. Assists in the implementation of imagery collection plan. Coordinates operating requirements of subordinate units for surveillance reconnaissance missions.

*b. Physical demands rating and qualifications for initial award of MOS.* Imagery analysts must possess the following qualifications:

(1) A physical demands rating of medium.

(2) A physical profile of 222211.

(3) Normal color vision.

(4) Near vision correctable to approximately 14/14 (inches) standard Snellen, distance vision correctable to 20/20 (inches) standard Snellen and normal stereoscopic acuity, with or without correction.

(5) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200, chapter 1.

(6) No information in military personnel, Provost Marshal, intelligence, or medical record which would prevent the granting of a security clearance under AR 380-67.

(7) A minimum score of 95 in aptitude area ST.

(8) The soldier must meet TOP SECRET security clearance and Sensitive Compartmented Information (SCI) access eligibility requirements.

(9) The soldier must be a U.S. citizen.

(a) Members of immediate family (spouse, parents, brothers, sisters, and children) must also be U.S. citizens. Soldier and immediate family members can be naturalized citizens. If naturalized, there is no minimum residency requirements.

(b) Soldier and spouse must not have immediate family members who reside in a country within whose boundaries physical or mental coercion is known to be common practice, either against—

1. persons accused of or acting in the interest of United States or

2. the relatives of such persons to whom they may be reasonably considered to be bound by ties of affection, kinship or obligation. Near relatives will also include uncles, aunts, grandparents, father-in-law, mother-in-law and relationships corresponding to any of the above persons in loco parentis (AR 630-5 and 37 USC 501).

(10) Meet career management and development criteria contained in AR 614-200, AR 600-200.

(11) Successfully completed (and be able to show proof of credit by official copy of transcript) 1 year of high school algebra or geometry.

(12) A high school graduate or equivalent.

(13) Formal training (completion of MOS 96D course under the auspices of the U.S. Army Intelligence Center) mandatory.

(14) Have neither commercial nor vested interest in a country within whose boundaries physical or mental coercion is known to be a common practice against persons acting in the interest of the U.S. This requirement applies to the soldier's spouse as well.

(15) No record of conviction by court-martial.

(16) No record of conviction by a civil court for any offense other than minor traffic violations.

(17) Be advised that due to the nature of training and assignments, temporary restrictions may be placed on foreign travel both during and after the term of service.

*c. Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) S9—Defense Sensor Interpretation and Application Training Program (DSIATP).

(3) 1T-IPDS/TRAC/NIS Operations.

(4) 2S—Battle Staff Operations (skill level 3 and above only).

(5) 2T-TENCAP Data Analyst.

(6) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-96D-1*. Physical requirements.

(2) *Table 10-96D-2*. Standards of grade TOE/MTOE.

(3) *Table 10-96D-3*. Standards of grade TDA.

## **10–271. 96H—Imagery Ground Station (IGS) Operator (IGS Operator), CMF 96**

*a. Major duties.* The imagery ground station operator supervises or participates in detecting, locating and tracking ground targets and rotary wing and slow moving fixed wing aircraft. The GSA receives Joint Surveillance Target Attack Radar System (JSTARS) near-real-time radar imagery data, Unmanned Aerial Vehicle (UAV) imagery, Commander's Tactical Terminal/Joint Tactical Terminal (CTT/JTT) Signals Intelligence (SIGINT) data, and Secondary Imagery Dissemination (SIDS) products which are transmitted to the Common Ground Station (CGS) to provide situational development, battle management, and targeting information and imagery intelligence of value to the commander. Duties for the MOS 96H at each level of skill are:

(1) *MOSC 96H10*. Participates in pre-mission planning for aerial surveillance and reconnaissance missions. Deploys and redeploys the IGS in a tactical environment. Operates the data systems and communication equipment organic to the IGS. Analyzes JSTARS near-real-time radar imagery data, SIGINT data and SIDS products received via the CTT/JTT. Analyzes softcopy imagery, to include infrared and electro-optics received from UAV platforms. Assists in the development of Intelligence Preparation of the Battlefield (IPB) products in support of IGS mission planning. Prepares JSTARS imagery analysis reports. Performs maintenance on the prime mover and the IGS mission equipment.

2. *MOSC 96H20*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises IGS shift operations. Performs reconnaissance and IGS site selection. Performs IPB in support of IGS mission planning. Participates in pre-mission planning for aerial surveillance and reconnaissance missions. Prepares and disseminates JSTARS imagery analysis reports.

(3) *MOSC 96H30*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises IGS operations and maintenance of related equipment. Oversees the analysis of JSTARS imagery, CTT/JTT information and UAV imagery. Supervises development and dissemination of intelligence products. Participates in/conducts mission briefings. Performs liaison with outside agencies. Manages GSM security requirements.

(4) *MOSC 96H40*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises JSTARS operations and activities. Incorporates the IGS mission into the overall collection plan. Assists in planning and using IGS and other surveillance resources. Instructs subordinates in proper softcopy imagery analysis techniques and procedures. Advises the G2/G3/FSO on compilation of IGS tasks and requirements.

(5) *MOSC 96H50*. Performs duties shown in preceding level of skill and provides guidance to subordinate soldiers. Plans, coordinates, supervises and participates in activities pertaining to organization, training, operations, and intelligence of JSTARS units.

*b. Physical demands rating and qualifications for initial award of MOS.* IGS operators must possess the following qualifications.

(1) A physical demands rating of moderately heavy.

(2) A physical profile of 222111.

(3) Normal color vision.

(4) Near vision correctable to approximately 14/14 (inches)

standard Snellen, distance vision correctable to 20/20 (inches) standard Snellen and normal stereoscopic acuity with or without correction.

(5) Pass hearing acuity test on audiometer. Sound amplitude must not exceed 15 decibels at frequencies 250, 500, 1000, 2000 and 4000 CPS (HZ).

(6) A security clearance of SECRET.

(7) Minimum scores of 95 in aptitude area SC and 105 in aptitude area ST.

(8) A high school graduate or equivalent.

(9) Successfully completed (and show proof of credit by official copy of transcript) 1 year of high school algebra.

(10) Meet career management and development criteria contained in AR 614-200 and DA Pam 351-4.

(11) A U.S. citizen.

(12) Formal training (completion of MOS 96H course under the auspices of U.S. Army Intelligence Center mandatory).

(13) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200, chapter 1.

(14) No information in military personnel, Provost Marshal, intelligence, or medical records which would prevent the granting of a security clearance under provisions of AR 604-5.

(15) No record of conviction by court martial.

(16) No record of conviction by a civil court for any offense other than minor traffic violations.

*c. Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) Y2—Transition (personnel only).

(3) 1A—JSTARS E8-A Systems Operator.

(4) 2S—Battle Staff Operations (skill level 3 and above only).

(5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.*

(1) *Table 10-96H-1.* Physical requirements.

(2) *Table 10-96H-2.* Standards of grade TOE/MTOE.

(3) *Table 10-96H-3.* Standards of grade TDA.

### **10-272. 96R—Ground Surveillance Systems (GSS) Operator (GSS Operator), CMF 96**

*a. Major duties.* The ground surveillance systems operator supervises or operates ground surveillance systems engaged in intelligence and information gathering. Duties for MOS 96R at each skill level are:

(1) *MOSC 96R10.* Operates and performs operator maintenance on ground surveillance systems, organic communications equipment, light wheeled vehicles, and power sources. Assists in emplacement, camouflage, and recovery of ground surveillance systems and associated equipment. Detects, locates, and reports target data by interpreting ground surveillance system information.

(2) *MOSC 96R20.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Provides tactical and technical guidance in team area of operations. Assists in planning surveillance missions using maps, aerial photographs, terrain studies, and intelligence reports. Prepares overlays and surveillance cards. Supervises emplacement operations and maintenance of ground surveillance systems and associated equipment.

(3) *MOSC 96R30.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Provides tactical and technical guidance in squad area of operations. Integrates other unit collection assets with ground surveillance systems. Recommends methods of employment. Selects potential emplacement sites using maps, aerial photographs, terrain studies, and intelligence reports. Prepares overlays and situation maps. Notifies supported command of team locations. Maintains operational records.

(4) *MOSC 96R40.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Provides tactical and technical guidance in platoon area of operations. Plans, recommends, and determines employment and operational techniques. Supervises requisition of replacement parts. Applies intelligence collection and surveillance planning process to operations. Conducts intelligence surveillance and collection training.

(5) *MOSC 96R50.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Provides tactical and technical guidance in company area of operations. Plans and coordinates employment of ground surveillance systems. Assists in preparation and implementation of reconnaissance and surveillance operations plans. Plans, coordinates, supervises and participates in activities pertaining to organization, training, and combat operations.

*b. Physical demands rating and qualifications for initial award of MOS.* Ground surveillance systems operators must possess the following qualifications:

(1) A physical demands rating of very heavy.

(2) A physical profile of 222121.

(3) Normal color vision.

(4) A minimum score of 85 in aptitude area EL and 95 in aptitude area SC.

(5) A security clearance of SECRET.

(6) Be A U.S. citizen.

(7) Meet career management and development criteria contained in AR 600-200, AR 614-200, and DA Pam 351-4.

(8) A high school graduate or equivalent.

(9) Formal training (completion of MOS 96R course conducted under the auspices of the U.S. Army Intelligence Center) mandatory.

(10) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200, chapter 1.

(11) No information in military personnel, Provost Marshal, intelligence, or medical records which will prevent the granting of security clearance under AR 380-67.

(12) No record of conviction by court-martial.

(13) No record of conviction by a civil court for any offense other than minor traffic violations.

(14) Pass hearing acuity test on audiometer. Sound amplitude, must not exceed 15 decibels at frequencies 250, 500, 1000, 2000, and 4000 CPS (HZ).

*c. Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) 2S—Battle Staff Operations (skill level 3 and above).

(3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-96R-1.* Physical requirements.

(2) *Table 10-96R-2.* Standards of grade TOE/MTOE.

(3) *Table 10-96R-3.* Standards of grade TDA.

### **10-273. 96U—Unmanned Aerial Vehicle (UAV) Operator (UAV Operator), CMF 96**

*a. Major duties.* The UAV operator supervises or operates the UAV, to include mission planning, minor air frame repair, launching, remotely piloting, and recovering the aerial vehicle. Duties for MOS 96U at each skill level are:

(1) *MOSC 96U10.* Prepares and conducts air reconnaissance mission. Operates a day and night infrared camera for target identification. Plans and analyzes flight missions. Deploys and redeploys the UAV ground and air system. Assembles and disassembles the air vehicle. Installs and removes mission payloads. Operates and performs operator level maintenance on organic communications equipment, power sources, light and heavy wheel vehicle and some crane operations. Performs pre-flight checks. Launches and recovers the air frames from runway.

(2) *MOSC 96U20.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Directs site selection of ground control station (GCS) and mission planning section (MPS). Supervises and assists in mission planning, using maps, terrain studies, and intelligence reports. Operates the camera for target identification. Participates and supervises operator and crew maintenance procedures performed on UAV air and ground equipment, organic communications equipment, vehicles, power sources and other assigned equipment.

(3) *MOSC 96U30.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises site

selection of UAV ground equipment using maps, aerial photographs, terrain studies and intelligence reports. Assists in coordination of intelligence collection. Recommends methods of employment to higher and adjacent units. Maintains mission and operational data base.

(4) *MOSC 96U40*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises and coordinates platoon operations. Applies military intelligence collection process and surveillance planning to UAV operations. Coordinates shift operations for platoon.

(5) *MOSC 96U50*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Assists commander in site selection and coordinates functions of various platoons within the UAV company. Supervises area security. Supervises and operates specialized surveillance equipment for target identification.

*b. Physical demands rating and qualifications for initial award of MOS.* Unmanned aerial vehicle operators must possess the following qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area SC.
- (5) A security clearance of SECRET.
- (6) A U.S. citizen.
- (7) Meet career management and development criteria contained in AR 614-200.
- (8) A high school graduate or equivalent.
- (9) Formal training (completion of MOS 96U course conducted under the auspices of the U.S. Army Intelligence Center) mandatory.
- (10) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200, chapter 1.
- (11) No information in military personnel, Provost Marshal, intelligence, or medical records which will prevent the granting of security clearance under AR 380-67.
- (12) No record of conviction by court-martial.
- (13) No record of conviction by a civil court for any offense other than minor traffic violations.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-96U-1*. Physical requirements.
- (2) *Table 10-96U-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-96U-3*. Standards of grade TDA.

### **10-274. 96Z—Intelligence Senior Sergeant (Intel Sr Sgt), CMF 96**

*a. Major duties.* The intelligence senior sergeant supervises intelligence surveillance, collection, analysis, processing, and distribution activities at group, division, corps, Army, and comparable or higher echelons. Supervises activities pertaining to organization and training of tactical and technical operations. Supervises intelligence, operations and training. Coordinates operating requirements of subordinate units with major supported units. Supervises intelligence operations in Corps and echelon above corps (EAC) analysis and control elements (ACE).

*b. Physical demands rating and qualifications for initial award of MOS.* Intelligence senior sergeants, must possess the following qualifications:

- (1) A physical demands rating—N/A.
- (2) A physical profile of 222221.
- (3) A minimum score in aptitude area—N/A.
- (4) The soldier must meet TOP SECRET security clearance and Sensitive Compartmented Information (SCI) access eligibility requirements.

(5) The soldier must be a U.S. citizen.

(6) Soldier and spouse must not have immediate family members who reside in a country within whose boundaries physical or mental coercion is known to be common practice, either against—

(a) Persons accused of or acting in the interest of the U.S.

(b) The relatives of such persons to whom they may reasonably be considered to be bound by ties of affection, kinship, or obligation. Near relatives will also include uncles, aunts, grandparents, father-in-law, mother-in-law, and relationships corresponding to any of the above persons in loco parentis.

(7) Meet career management and development criteria contained in AR 614-200.

(8) Normal color vision.

(9) Be advised that due to the nature of training and assignments, temporary restrictions may be placed on foreign travel both during and after the term of service.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-96Z-1*. Physical requirements.
- (2) *Table 10-96Z-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-96Z-3*. Standards of grade TDA.

### **10-275. 97B—Counterintelligence Agent (CI Agent), CMF 96**

*a. Major duties.* The CI agent supervises and conducts, or assists in conducting, CI surveys and investigations of individuals, organizations, and installations to detect, identify, assess, counter, exploit and neutralize threats to national security. Duties for MOS 97B at each level of skill are:

(1) *MOSC 97B10*. Assists in security investigations. Provides CI services and support to force protection operations at all echelons. Performs CI support to counterterrorism operations. Prepares and operates recording and photographic equipment. Processes CI evidence and evaluates sources of information. Prepares and disseminates CI reports. Assists in non-technical surveillance. Collects and compiles open source material. Conducts liaison with US agencies. Maintains CI files and data bases.

(2) *MOSC 97B20*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Conducts sabotage, espionage, treason, and sedition investigations. Conducts liaison with foreign agencies. Plans and conducts CI investigations. Applies fundamentals of military and civil law. Detects, neutralizes, and exploits CI targets. Participates in counterintelligence force protection source operations (CFSO). Conducts overt collection, surveillance and non-technical operations. Assists in counterespionage investigations and operations. Provides counter human intelligence (C-HUMINT) support for multidiscipline counterintelligence (MDCI) products. Prepares CI reports and estimates.

(3) *MOSC 97B30*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Plans and conducts CI operations, to include: analyzing, selecting, exploiting, and neutralizing CI targets. Plans and directs CI services and support. Plans and directs counterespionage operations and investigations. Manages intelligence contingency funds. Plans and conducts CFSO operations. Supports offensive and defensive CI operations and collection operations.

(4) *MOSC 97B40*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises and directs preparation of CI services and reports. Supervises CFSO. Performs operation and case control reviews. Supervises and directs investigations and special operations. Plans and supervises CI operations. Reviews CI related reports and plans.

(5) *MOSC 97B50*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Plans, coordinates, and supervises intelligence operations and training.

*b. Physical demands rating and qualifications for initial award of MOS.* CI agents must possess the following qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 105 in aptitude area ST.
- (5) The soldier must meet TOP SECRET security clearance and Sensitive Compartmented Information (SCI) access eligibility requirements.
- (6) A high school graduate or equivalent.
- (7) Possess good voice quality and be able to speak English without an objectionable accent or impediment.
- (8) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200, chapter 1.
- (9) No information in military personnel, Provost Marshal, intelligence, or medical records which would prevent the granting of security clearance under AR 380-67.
- (10) No record of conviction by court-martial.
- (11) No record of conviction by a civil court for any offense other than minor traffic violations.
- (12) Be interviewed per DA Pam 600-8, procedure 3-33, as applicable.
- (13) The soldier must be a U.S. citizen.
- (14) Soldier and spouse must not have immediate family members who reside in a country within whose boundaries physical or mental coercion is known to be common practice, either against:
  - (a) Persons accused of or acting in the interest of the U.S. or
  - (b) The relatives of such persons to whom they may reasonably be considered to be bound by ties of affection, kinship, or obligation. Near relatives will also include uncles, aunts, grandparents, father-in-law, mother-in-law, and relationships corresponding to any of the above persons in loco parentis (AR 630-5, para 6-2b).
- (15) Have neither commercial nor vested interest in a country within whose boundaries physical or mental coercion is known to be a common practice against persons acting in the interest of the U.S. This requirement applies to the soldier's spouse as well.
- (16) A minimum age of 19 years, 6 months for award of MOS 97B10 and a minimum age of 21 for accreditation as CI agent.
- (17) Meet selection criteria and classification and assignment restrictions contained in AR 601-210 and AR 614-200.
- (18) Meet career management and development criteria contained in AR 614-200.
- (19) Formal training (completion of MOS 97B course under the auspices of U.S. Army Intelligence Center) mandatory.
- (20) Be advised that due to the nature of training and assignments, temporary restrictions may be placed on foreign travel both during and after the term of service.

*c. Additional skill identifiers.*

- (1) G9—Defense Against Sound Equipment (DASE).
- (2) N7—Strategic Debriefing and Interrogation.
- (3) P5—Master Fitness Trainer.
- (4) P8—Polygraph Operations.
- (5) S7—Foreign Counterintelligence.
- (6) 2S—Battle Staff Operations (skill level 3 and above).
- (7) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-97B-1.* Physical requirements.
- (2) *Table 10-97B-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-97B-3.* Standards of grade TDA.

## **10-276. 97E—Interrogator, CMF 96**

*a. Major duties.* The interrogator supervises and conducts interrogations and debriefings in English and foreign languages, prepares and edits tactical interrogation reports and intelligence information reports (IIR's). Performs translation and exploitation of captured enemy documents and open source foreign language publications. Conducts liaison in foreign language with host nation agencies. Duties for the MOS 97E at each level of skill are:

(1) *MOSC 97E1L.* Screens, assesses and interrogates (in foreign language) enemy prisoners of war, enemy deserters, and civilian detainees from enemy areas to obtain information for military intelligence. Translates and prepares summary, extract, and full translations of written foreign material and captured enemy documents into English. Translates foreign technical publications. Translates announcements, speeches, and other materials into foreign languages for use in non-English speaking countries. Prepares interrogation and translation reports.

(2) *MOSC 97E2L.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Reviews and edits translations of foreign documents and material for accuracy and completeness. Screens, assesses, and debriefs refugees and defectors to fulfill strategic intelligence requirements. Debriefs U.S. prisoner of war returnees and other friendly sources to obtain information for military intelligence. Prepares IIR's. Interprets foreign language and ensures the accurate exchange of statements, ideas, and intent.

(3) *MOSC 97E3L.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Directs the conduct of interrogation, translation, and interpretation functions. Assists in directing counterintelligence force source protection operations (CFSO). Edits interrogation reports, translation reports, and IIR's. Monitors interrogations and translations for accuracy and completeness. Determines requirements for summary, extract, or complete translations of documents.

(4) *MOSC 97E4L.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises interrogation, interpretation and document exploitation activities. Conducts intelligence interrogation training.

(5) *MOSC 97E5L.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises strategic debriefing center and theater interrogation center. Plans, coordinates, and supervises intelligence interrogation training and operations.

*b. Physical demands rating and qualifications for initial award of MOS.* Interrogators must possess the following qualifications:

- (1) A physical demands rating of light.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area ST.
- (5) A security clearance of SECRET.
- (6) A qualifying score on the English Comprehension Level Test (ECLT 7200L or its replacement).
- (7) A high school graduate or equivalent.
- (8) A qualifying score on the Defense Language Aptitude Battery (DLAB) as prescribed by AR 611-6.
- (9) Good voice quality and be able to speak English and foreign language idiomatically and without objectionable accent or impediment.

(10) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200, chapter 1.

(11) No information in military personnel, Provost Marshal, intelligence, or medical records which would prevent the granting of a security clearance under AR 380-67.

(12) No record of conviction by court-martial.

(13) No record of conviction by civil court for any offense other than minor traffic violations.

(14) Meet career management and development criteria contained in AR 600-200, AR 614-200, and DA Pam 351-4.

(15) Formal training (completion of MOS 97E course conducted under the auspices of the U.S. Army Intelligence Center) mandatory. Must also complete formal language training or meet the civilian acquired skills criteria listed in AR 601-210.

(16) A U.S. citizen.

*c. Additional skill identifiers.*

- (1) N7—Strategic Debriefing and Interrogation.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-97E-1*. Physical requirements.
- (2) *Table 10-97E-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-97E-3*. Standards of grade TDA.

**10-277. 97G—Multidiscipline Counterintelligence Operator/Analyst (MDCI Analyst), CMF 96**

*a. Major duties.* The multidiscipline counterintelligence analyst performs and supervises analysis of friendly vulnerabilities to human, signals and imagery intelligence collection by Foreign Intelligence Services (FIS) and recommends countermeasures. Performs and supervises counter-signals intelligence data collection and analysis, and signal security support in a tactical or strategic environment. Supports simulative electronic deception and deception operations with C-RISTA and OPSEC evaluations. Performs other MDCI, C-RISTA, and OPSEC-related duties. Duties for MOS 97G at each level of skill are:

(1) *MOSC 97G10*. Maintains the friendly force, and FIS threat MDCI data bases. Performs initial MDCI vulnerability assessment based upon friendly use of the electromagnetic spectrum. Deploys, installs, and operates counter-SIGINT collection systems in a fixed, strategic, or tactical operation. Collects data and produces transcripts and graphic representations, including unintentional emanations, based upon friendly use of the electromagnetic spectrum.

(2) *MOSC 97G20*. Performs duties shown in preceding level of skill and provides technical guidance to lower grade soldiers in accomplishment of their duties. Develops and manages the MDCI database. Analyzes friendly vulnerabilities to the FIS collection efforts. Prepares draft MDCI vulnerability assessments and recommends countermeasure options. Supervises counter-SIGINT collection team. Supports simulative electronic deception and deception operations with C-RISTA and OPSEC evaluations.

(3) *MOSC 97G30*. Performs duties shown in preceding level of skill and provides technical guidance to lower grade soldiers in accomplishment of their duties. Performs MDCI analysis and related duties. Writes, edits, publishes and disseminates MDCI products and reports. Nominates targets for exploitation, neutralization, or destruction. Supervises counter-SIGINT and deception related activities. Supports OPSEC and C-RISTA efforts at all levels.

(4) *MOSC 97G40*. Performs duties shown in preceding level of skill and provides technical guidance to lower grade soldiers in accomplishment of their duties. Supervises and performs MDCI analysis and counter-SIGINT activities at all levels. Prepares the MDCI estimate. Manages the countermeasure options effort for communications, cryptographic and signal security related functions, and recommends countermeasure options. Tasks friendly intelligence collection resources to update the MDCI database. Coordinates OPSEC, C-RISTA, and deception efforts.

(5) *MOSC 97G50*. Performs duties shown in preceding level of skill and provides technical guidance to lower grade soldiers in accomplishment of their duties. Develops countermeasure policies, plans, doctrine, operating procedures, and programs. Supervises countermeasure options effort. Coordinates collection and analysis of Army emitters from the developmental to the operational testing stages. Supervises MDCI analysis, C-SIGINT, OPSEC, and C-RISTA activities at all echelons.

*b. Physical demands rating and qualifications for initial award of MOS.* Multidiscipline counterintelligence operator/analyst must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222121.
- (3) Normal color vision.
- (4) Minimum scores of 95 in aptitude area SC and 95 in aptitude area ST.
- (5) The soldier must meet TOP SECRET security clearance and Sensitive Compartmented Information (SC) access eligibility requirements.
- (6) A high school graduate or equivalent.
- (7) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200, chapter 1.

(8) No information in Provost Marshal, intelligence, military personnel records jacket, or medical records which would prevent the granting of a security clearance under AR 380-67.

(9) No record of conviction by court-martial.

(10) No record of conviction by civil court for any offense other than minor traffic violations.

(11) Pass hearing acuity test on audiometer wherein sound amplitude must not exceed 15 decibels at frequencies 250, 500, 1000, 2000, and 4000 CPS (HZ).

(12) Have neither commercial nor vested interest in a country within whose boundaries physical or mental coercion is known to be a common practice against persons acting in the interest of the U.S.. This requirement applies to the soldier's spouse as well.

(13) The soldier must be a U.S. citizen.

(a) Soldier and spouse must not have immediate family members who reside in a country within whose boundaries physical or mental coercion is known to be a common practice, either against—

(b) Persons accused of or acting in the interest of the U.S..

(c) The relatives of such persons to whom they may reasonably be considered to be bound by ties of affection, kinship, or obligation. Near relatives will also include uncles, aunts, grandparents, father-in-law, mother-in-law, and relationships corresponding to any of the above persons in loco parentis (AR 630-5, para 6-2b).

(14) Meet career management and development criteria contained in AR 614-200.

(15) Complete mandatory formal training.

*c. Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) 2S—Battle Staff Operations (skill level 3 and above).

(3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-97G-1*. Physical requirements.

(2) *Table 10-97G-2*. Standards of grade TOE/MTOE.

(3) *Table 10-97G-3*. Standards of grade TDA.

**2-278. 97L—Translator/Interpreter (Reserve Components), CMF 96**

*a. Major duties.* Prepares, edits and supervises translations and conducts interpretations in English and foreign languages. The duties at each skill level for MOS 97L are:

(1) *MOSC 97L10*. Prepares translations of non-technical foreign language material. Prepares non-technical translations into the foreign language. Performs sight translations from a foreign language into English.

(2) *MOSC 97L20*. Performs translation and interpreter duties.

(3) *MOSC 97L30*. Provides translation and interpretations for complex, high-level proceedings.

(4) *MOSC 97L40*. Performs senior translator and interpreter functions and supervises language maintenance at the team and platoon levels.

(5) *MOSC 97L50*. Performs chief translator and interpreter functions.

*b. Physical demands rating and qualification for initial award of MOS.* Translator/interpreter must possess the following qualifications:

(1) A physical rating of medium.

(2) A physical profile of 222221.

(3) Normal color vision.

(4) A qualifying score of 95 in aptitude are ST.

(5) A security clearance of SECRET.

(6) Defense Language Proficiency Test (DLPT) comprehension rating of at least L2-R2 in a foreign language.

(7) Must have a basic understanding of the geographic, social, cultural, economic, and political conditions of the foreign country, area or force of his/her language.

(8) Must be a high school graduate or equivalent. Post secondary language study or the equivalent such as extended residence or exposure to the target language is desired.

(9) Good voice quality and ability to speak English and foreign

language idiomatically and without objectionable accent or impediment.

(10) Never been a member of the U.S. Peace Corps except as specified in AR 614-200, chapter 1.

(11) Must possess the required skills in the English language by obtaining a minimum score of 80 in reading and listening on the English Comprehension Level Test (ECLT 72000L or its replacement).

(12) Complete mandatory formal training or meet the civilian acquired skills criteria listed in AR 601-210 and/or NGR 600-200.

(13) Must be a U.S. citizen.

(14) No record of conviction by court-martial.

(15) No record of conviction by a civil court for any offense other than minor traffic violation.

*c. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-97L-1.* Physical requirements.

(2) *Table 10-97L-2.* Standards of grade TOE/MTOE.

(3) *Table 10-97L-3.* Standard of grade TDA N/A.

### **10-279. 97Z-Counterintelligence/Human Intelligence Senior Sergeant (CI/HUMINT Sr Sgt), CMF 96**

*a. Major duties.* The counterintelligence/human intelligence senior sergeant supervises the collection, processing, development, and dissemination of counterintelligence, counter-signals intelligence, and human intelligence information. Supervises the multidiscipline counterintelligence activities at group, corps, Army, or comparable and higher headquarters. Coordinates operating requirements of subordinate units with major supported units. Assists in the appraisal of multidiscipline counterintelligence operations.

*b. Physical demands rating and qualifications for initial award of MOS.* Counterintelligence/human intelligence senior sergeants must possess the following qualifications:

(1) Physical demands rating—N/A.

(2) A physical profile of 222221.

(3) Minimum score in aptitude area—N/A.

(4) A security clearance of TOP SECRET with eligibility for access to sensitive compartmented information (SCI).

(5) A U.S. citizen.

*(a)* Members of immediate family (spouse, parents, brothers, sisters, and children) must also be U.S. citizens. Soldier and immediate family members can be naturalized citizens. If naturalized, there is no residency requirement.

*(b)* Soldier and spouse must not have immediate family members who reside in a country within whose boundaries physical or mental coercion is known to be common practice, either against—

1. Persons accused of or acting in the interest of the U.S. or

2. The relatives of such persons to whom they may reasonably be considered to be bound by ties of affection, kinship, or obligation. Near relatives will also include uncles, aunts, grandparents, father-in-law, mother-in-law, and relationships corresponding to any of the above persons in loco parentis (AR 630-5, para 6-2b).

*c. Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) 2S—Battle Staff Operations (skill level 3 and above).

(3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-97Z-1.* Physical requirements.

(2) *Table 10-97Z-2.* Standards of grade TOE/MTOE.

(3) *Table 10-97Z-3.* Standards of grade TDA.

### **10-280. 98C-Signals Intelligence Analyst (SIGINT Analyst) CMF 98**

*a. Major duties.* The signals intelligence analyst supervises and performs analysis and reporting of intercepted foreign communications at corps, division and echelon above corps (EAC). Performs

collection management. Produces combat, strategic, and tactical intelligence reports. Duties for MOS 98C at each skill level are:

(1) *MOSC 98C10.* Gathers, sorts, and scans intercepted messages to isolate valid message traffic. Performs initial analysis to establish target identification and communications patterns. Operates automated data processing (ADP) equipment. Maintains analytical working aids to support target collection, identification, and location. Operates communications equipment for SIGINT collection, processing and reporting.

(2) *MOSC 98C20.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Performs intermediate analysis of intercepted communications. Prepares technical and tactical intelligence reports. Performs fusion analysis of SIGINT products. Assists in the collection management process.

(3) *MOSC 98C30.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Writes, edits, evaluates, and publishes SIGINT reports. Coordinates with collection management activity to receive and plan taskings. Implements SIGINT emergency action plans. Performs advance analysis on intercepted communications. Supervises fusion analysis of SIGINT products.

(4) *MOSC 98C40.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Analyzes and evaluates intelligence data and releases SIGINT reports. Supervises processing, analysis, and reporting functions. Briefs analytical mission status. Quality controls intelligence products. Supervises collection management of supported commands and other agencies. Provides guidance on the interpretation of SIGINT information and the employment of collection systems.

*b. Physical demands rating and qualifications for initial award of MOS.* Signals intelligence analysts must possess the following qualifications:

(1) A physical demands rating of moderately heavy.

(2) A physical profile of 222221.

(3) Normal color vision.

(4) A qualifying score on the Army Analysis Aptitude Test.

(5) A minimum score of 105 in aptitude area ST.

(6) The soldier must meet TOP SECRET security clearance and Sensitive Compartmented Information (SCI) access eligibility requirements.

(7) A high school graduate or equivalent.

(8) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200, chapter 1.

(9) No information in military personnel, Provost Marshall, intelligence, or medical records which would prevent the granting of a security clearance under AR 380-67.

(10) No record of conviction by court-martial.

(11) No record of conviction by civil court for any offense other than minor traffic violations.

(12) The soldier must be a U.S. citizen.

(13) Soldier and spouse must not have immediate family members who reside in a country within whose boundaries physical or mental coercion is known to be a common practice, either against—

*(a)* Persons accused of or acting in the interest of the U.S.

*(b)* The relatives of such persons to whom they may reasonably be considered to be bound by ties of affection, kinship, or obligation. Near relatives will also include uncles, aunts, grandparents, father-in-law, mother-in-law, and relationships corresponding to any of the above persons in loco parentis (AR 630-5, para 6-2b).

(14) Have neither commercial nor vested interest in a country within whose boundaries physical or mental coercion is known to be a common practice against persons acting in the interest of the U.S. This requirement applies to the soldier's spouse as well.

(15) Meet career management and development criteria contained in AR 600-200, AR 614-200, and DA Pam 351-4.

(16) Formal training (completion of MOS 98C course under the auspices of the USAICS) mandatory.

(17) Be advised that due to the nature of training and assignments, temporary restrictions may be placed on foreign travel both during and after the term of service.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) T9—Cryptanalysis.
- (3) 1F—ASAS Master (SSG-MSG only).
- (4) 2S—Battle Staff Operations (skill level 3 and above only).
- (5) 2T—TENCAP Data Analyst.
- (6) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-98C-1.* Physical requirements.
- (2) *Table 10-98C-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-98C-3.* Standards of grade TDA.

#### **10-281. 98D—Emitter Locator/Identifier (Emtr Loc/Ident), CMF 98**

##### *a. Major duties.*

(1) *MOSC 98D10.* Operates radio DF/SSL equipment and employs EID to recognize, identify, and locate foreign radio transmitters. Performs electronic support measures (ESM) for EW operations. Coordinates DF/EID activities with intercept and analysis section. Operates electronic data processing (EDP) communications equipment. Prepares and maintains DF/EID logs and files and prepares reports on mission results.

(2) *MOSC 98D20.* Analyzes information obtained from the use of DF/SSL equipment and EID. Evaluates location results of target transmitters. Forwards target information to DF net for prosecution of DF request. Employs SIGINT/EW tasking to determine flash order of target signals. Calculates composite DF plots and performs accuracy studies. Performs wave form analysis on target transmitters. Integrates DF and EID results. Maintains DF/EID statistical data and maintains technical databases. Provides technical guidance to lower grade soldiers.

(3) *MOSC 98D30.* Supervises emitter locator/identifier employment and activities. Develops and implements SIGINT/EW emergency plans. Inspects equipment for placement, alignment, and orientation. Prepares and controls the quality of DF/EID reports. Provides technical guidance to lower grade soldiers.

(4) *MOSC 98D40.* Supervises emitter locator/identifier elements at the platoon/detachment level. Establishes and maintains DF sites. Interprets, implements, and recommends adjustments to SIGINT/EW tasking. Provides technical guidance to lower grade soldiers.

(5) *MOSC 98C50.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises immediate subordinates in SIGINT analysis, reporting, and processing operations and provides appraisals of intelligence products, activities and operations. Develops unit intelligence training strategy.

*b. Physical demands rating and qualifications for initial award of MOS.* SIGINT/EW emitter locator/identifiers must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
  - (2) A physical profile of 222121.
  - (3) Normal color vision.
  - (4) A minimum score of 95 in aptitude area ST.
  - (5) The soldier must meet TOP SECRET security clearance and Sensitive Compartmented Information (SC) access eligibility requirements.
  - (6) Meet hearing acuity test standards per AR 40-501.
  - (7) A qualifying score on the Audio Perception Test.
  - (8) A high school graduate or equivalent.
  - (9) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200, chapter 1.
  - (10) No information in Provost Marshal, intelligence, military personnel records jacket, or medical records which would prevent the granting of a security clearance under AR 380-67.
  - (11) No record of conviction by court-martial.
  - (12) No record of conviction by a civil court for any offense other than minor traffic violations.
  - (13) The soldier must be a U.S. citizen.
- (a) Soldier and spouse must not have immediate family members*

who reside in a country within whose boundaries physical or mental coercion is known to be a common practice, either against—

*(b) Persons accused of or acting in the interest of the United States.*

*(c) The relatives of such persons to whom they may reasonably be considered to be bound by ties of affection, kinship, or obligation. Near relatives will also include uncles, aunts, grandparents, father-in-law, mother-in-law, and relationships corresponding to any of the above persons in loco parentis.*

(14) Have neither commercial nor vested interest in a country within whose boundaries physical or mental coercion is known to be a common practice against persons acting in the interest of the U.S. This requirement applies to the soldier's spouse as well.

(15) Meet career management and development criteria contained in AR 614-200.

(16) Formal training (completion of MOS 98D course under the auspices of the USAICS) mandatory.

##### *c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-98D-1.* Physical requirements.
- (2) *Table 10-98D-2.* Standards of grade TOE/MTOE.
- (3) *Table 10-98D-3.* Standards of grade TDA.

#### **10-282. 98G—Voice Interceptor (Voice Intcp), CMF 98**

*a. Major duties.* The voice interceptor performs and supervises detection, acquisition, location, identification and exploitation of foreign communications at division, corps, and echelon above corps (EAC). Translates, transcribes, gists or produces summaries of foreign voice transmissions in English/target languages. Performs collection management. Duties for MOS 98G at each skill level are:

(1) *MOSC 98G1L.* Identifies languages spoken in an assigned geographic area and categorizes voice signals by activity type. Extracts essential elements of information from foreign voice radio transmissions to support mission reporting requirements. Scans written foreign language material for key words and indicators. Recognizes changes in transmission modes and informs the appropriate analytical or intercept station. Provides translation assistance to analysts. Performs electronic support (ES) or electronic attack (EA), and electronic protect (EP) in support of EW operations. Provides written records, handcopied or gisted, of foreign intercepted communications. Operates communication equipment for SIGINT tasking, reporting and coordination.

(2) *MOSC 98G2L.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises team level voice communications intercept operations. Intercepts, identifies, and records foreign voice transmissions. Operates equipment configured to collect and produce written records of non-stereotyped foreign voice radio transmissions. Translates and transcribes foreign language intercept.

(3) *MOSC 98G3L.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Collects and simultaneously produces on-line activity records of complex foreign voice radio transmissions containing technical terminology, advanced grammar and syntax, and colloquial conversational forms. Supervises voice signal collection and processing activities and determines priorities. Identifies and performs limited analysis on enciphered voice signals. Implements SIGINT emergency action plans. Supervises squad level voice communication intercept operations. Provides quality control of SIGINT voice intercept products. Supervises EA, EP, and ES operations.

(4) *MOSC 98G4L.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Performs voice intercept and processing of complex foreign voice radio transmissions. Refines essential elements of information requirements for identification and extraction. Determines (ES/EA) requirements for supported units. Supervises collection management.

(5) *MOSC 98G5L*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises immediate subordinates in SIGINT operations and command intelligence procedures. Coordinates tactical and strategic SIGINT voice collection operations and provides appraisals of intelligence products, activities and operations. Develops unit intelligence training strategy.

*b. Physical demands rating and qualifications for initial award of MOS.* Electronic warfare/signal intelligence voice interceptors must possess the following qualifications:

- (1) A physical demands rating of very heavy.
- (2) A physical profile of 222121.
- (3) Normal color vision.
- (4) Pass a phonetic sound discrimination test.
- (5) A minimum score of 95 in aptitude area ST.
- (6) The soldier must meet TOP SECRET security clearance and Sensitive Compartmented Information (SCI) access eligibility requirements.
- (7) A high school graduate or equivalent.
- (8) A qualifying score on the Defense Language Aptitude Battery (DLAB) as prescribed by AR 611-6.
- (9) Meet hearing acuity test standards per AR 40-501.
- (10) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200, chapter 1.
- (11) No information in military personnel, Provost Marshal, intelligence, or medical records which would prevent the granting of a security clearance under AR 380-67.
- (12) No record of conviction by court-martial.
- (13) No record of conviction by civil court for any offense other than minor traffic violations.
- (14) The soldier must be a U.S. citizen.
- (15) Soldier and spouse must not have immediate family members who reside in a country within whose boundaries physical or mental coercion is known to be common practice, either against—
  - (a) Persons accused of or acting in the interest of the U.S. or
  - (b) The relatives of such persons to whom they may reasonably be considered to be bound by ties of affection, kinship, or obligation. Near relatives will also include uncles, aunts, grandparents, father-in-law, mother-in-law, and relationships corresponding to any of the above persons in loco parentis (AR 630-5, para 6-2b).
- (16) Have neither commercial nor vested interest in a country within whose boundaries physical or mental coercion is known to be a common practice against persons acting in the interest of the U.S. This requirement applies to the soldier's spouse as well.
- (17) Meet career management and development criteria contained in AR 614-200.
- (18) Formal training (completion of MOS 98G course under the auspices of U.S. Army Intelligence Center) mandatory. Must also complete formal language training or meet the civilian acquired skills criteria listed in AR 601-210.

(19) Be advised that due to the nature of training and assignments, temporary restrictions may be placed on foreign travel both during and after the term of service.

*c. Additional skill identifiers.*

- (1) C8—Transcribing/Gisting.
- (2) P5—Master Fitness Trainer.
- (3) 2S—Battle Staff Operations (skill level 3 and above).
- (4) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-98G-1*. Physical requirements.
- (2) *Table 10-98G-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-98G-3*. Standards of grade TDA.

## **10-283. 98H—Communications Locator/Interceptor (Comms Lctr/Intcp), CMF 98**

*a. Major duties.* The communications locator/interceptor performs and supervises detection, acquisition, identification, exploitation and location of foreign communications employing international

Morse code (IMC) and radio-printer (non-Morse) using signals intelligence/electronic warfare (SIGINT/EW) collection and location equipment. Performs collection management. Duties for MOS 98H at each skill level are:

(1) *MOSC 98H10*. Operates SIGINT/EW equipment to detect, acquire, identify, locate, and exploit foreign communications devices transmitting Morse and non-Morse signals. Provides processing and reporting of intercepted communications.

(2) *MOSC 98H20*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Performs collection management functions in support of collection operations. Quality controls processing and reporting procedures.

(3) *MOSC 98H30*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Evaluates mission taskings and assists in formulating collection plans. Supervises processing and reporting. Supervises collection management process.

(4) *MOSC 98H40*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Determines collection requirements and site selection for remote missions. Plans collection and exploitation strategies and allocates personnel and equipment resources.

(5) *MOSC 98H50*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises subordinates in SIGINT/EW operations command and intelligence procedures. Coordinates tactical and strategic Morse and non-Morse signals collection operations and provides appraisals of intelligence products, activities and operations. Develops unit intelligence training strategy.

*b. Physical demands rating and qualifications for initial award of MOS.* Communications locator/interceptors must possess the following qualifications:

- (1) A physical demands rating of moderately heavy.
- (2) A physical profile of 222121.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area ST.
- (5) Meet hearing acuity test standards per AR 40-51.
- (6) A qualifying score on the Audio Perception Test.
- (7) The soldier must meet TOP SECRET security clearance and Sensitive Compartment Information (SCI) access eligibility requirements.
- (8) A high school graduate or equivalent.
- (9) Never have been a member of the U.S. Peace Corps, except as specified in chapter 1, AR 614-200.
- (10) No information in military personnel, Provost Marshall, intelligence, or medical records which would prevent the granting of a TOP SECRET security clearance under AR 380-67.
- (11) No record of conviction by court-martial.
- (12) A U.S. citizen.

(a) Members of immediate family (spouse, parents, brothers, sisters, and children) must also be U.S. citizens. Soldier and immediate family members can be naturalized citizens. If naturalized, there is no minimum residency requirement.

(b) Soldier and spouse must not have immediate family members who reside in a country within whose boundaries physical or mental coercion is known to be common practice, either against—

1. Persons accused of or acting in the interest of the U. S.
2. The relatives of such persons to whom they may reasonably be considered to be bound by ties of affection, kinship, or obligation. Near relatives will also include uncles, aunts, grandparents, father-in-law, mother-in-law, and relationships corresponding to any of the above persons in loco parentis.

(13) No record of conviction by a civil court which would preclude the granting of a TOP SECRET clearance under AR 380-67.

(14) Have neither commercial nor vested interest in a country within whose boundaries physical or mental coercion is a known common practice against persons acting in the interests of the U.S. This requirement applies to the soldier's spouse as well.

(15) Be advised that due to the nature of training and assignments, temporary restrictions may be placed on foreign travel both during and after the term of service.

(16) Meet career management and development criteria contained in AR 614-200.

(17) Formal training (completion of MOS 98H course conducted under the auspices of the U.S. Army Intelligence Center) mandatory.

*c. Additional skill identifiers.*

(1) P5—Master Fitness Trainer.

(2) Y2—Transition (personnel only).

(3) 1G—Direction Finding Outstation Operator Course (CROSSHAIR).

(4) 2S—Battle Staff Operations (skill level 3 and above only).

(5) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-98H-1.* Physical requirements.

(2) *Table 10-98H-2.* Standards of grade TOE/MTOE.

(3) *Table 10-98H-3.* Standards of grade TDA.

**10-284. 98J—Electronic Intelligence Interceptor/Analyst (ELINT Intcp/Analyst) CMF 98**

*a. Major duties.* The electronics intelligence (ELINT) interceptor/analyst performs and supervises detection, acquisition, location, identification, exploitation, and reporting of foreign ELINT at division, corps, and echelon above corps (EAC). Performs collection management. Duties for MOS 98J at each skill level are:

(1) *MOSC 98J10.* Deploys, installs, and operates ELINT collection systems. Searches for selected categories or classes of electro-optic or foreign instrumentation signals (FIS). Operates communications equipment for SIGINT reporting and coordination. Uses technical references and equipment to record and analyze intercepted signals. Uses specialized data base and technical references to identify intercepted signals. Reports electronic order of battle (EOB) information and maintains a technical data base.

(2) *MOSC 98J20.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises team level ELINT signals collection and operates intercept, recording, and analysis equipment. Recommends employment of units and establishes operational sites. Assists in fusion product reporting. Prepares and maintains EOB information.

(3) *MOSC 98J30.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises squad level intercept and analysis of ELINT signals. Interprets and analyzes technical documents and reports. Assigns missions and intercepts complex signals. Implements SIGINT/EW emergency action plans.

(4) *MOSC 98J40.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises ELINT intercept and analysis activities at platoon level. Interprets and implements ELINT collection tasking. Identifies and allocates resources to accomplish the collection effort. Coordinates collection activities with other intelligence disciplines. Determines mission objectives and priorities.

(5) *MOSC 98J50.* Performs duties shown in preceding skill level and provides guidance to subordinate grade soldiers. Supervises immediate subordinates in SIGINT operations and command intelligence procedures. Coordinates tactical and strategic ELINT and provides appraisals of intelligence products, activities and operations. Develops unit intelligence training strategy.

*b. Physical demands rating and qualifications for initial award of MOS.* ELINT interceptor/analysts must possess the following qualifications:

(1) A physical demands rating of moderately heavy.

(2) A physical profile of 222221.

(3) Normal color vision.

(4) A minimum score of 105 in aptitude area ST.

(5) The soldier must meet TOP SECRET security clearance and Sensitive Compartment Information (SCI) access eligibility requirements.

(6) A high school graduate or equivalent.

(7) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200, chapter 1.

(8) No information in military personnel, Provost Marshal, intelligence, or medical records which will prevent the granting of security clearance under AR 380-67.

(9) No record of conviction by court-martial.

(10) No record of conviction by a civil court for any offense other than minor traffic violations.

(11) The soldier must be a U.S. citizen.

(12) Soldier and spouse must not have immediate family members who reside in a country within whose boundaries physical or mental coercion is known to be common practice, either against-

(a) Persons accused of or acting in the interest of the United States or

(b) The relatives of such persons to whom they may reasonably be considered to be bound by ties of affection, kinship, or obligation. Near relatives will also include uncles, aunts, grandparents, father-in-law, mother-in-law, and relationships corresponding to any of the above persons in loco parentis (AR 630-5, para 6-2b).

(13) Have neither commercial nor vested interest in a country within whose boundaries physical or mental coercion is known to be a common practice against persons acting in the interest of the United States. This requirement applies to the soldier's spouse as well.

(14) Meet career management and development criteria contained in AR 614-200.

(15) Formal training (completion of MOS 98J course under the auspices of U.S. Army Intelligence Center mandatory).

(16) Be advised that due to the nature of training and assignments, temporary restrictions may be placed on foreign travel both during and after the term of service.

*c. Additional skill identifiers.*

(1) J1—Telemetry Collection Operations.

(2) P5—Master Fitness Trainer.

(3) Z8—Technical ELINT Collection and Analysis.

(4) 2S—Battle Staff Operations (skill level 3 and above).

(5) 2T—TENCAP Data Analyst.

(6) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

(1) *Table 10-98J-1.* Physical requirements.

(2) *Table 10-98J-2.* Standards of grade TOE/MTOE.

(3) *Table 10-98J-3.* Standards of grade TDA.

**10-285. 98K—Signals Collection/Identification Analyst, (Signal Coll/ID Analyst), CMF 98**

*a. Major duties.* The signals collection/identification analyst performs and supervises collection, identification, exploitation, and analysis of foreign radioteletype, facsimile, and data communications. Performs collection management. Duties for MOS 98K at each skill level are:

(1) *MOSC 98K10.* Operates signals intelligence/electronic warfare (SIGINT/EW) equipment and prepares logs and technical reports. Searches radio spectrum to collect and identify target communications. Performs elementary signals analysis to determine signal parameters for identification and processing.

(2) *MOSC 98K20.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Operates SIGINT/EW equipment, assists in the establishment of operational sites, maintains technical data bases in support of collection operations. Recognizes and reports items of intelligence interest. Performs intermediate signals analysis to determine signal parameters for identification. Performs collection management function in support of collection operations. Quality controls processing and reporting procedures.

(3) *MOSC 98K30.* Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises collection and identification activities and allocates collection resources to support/meet mission requirements. Coordinates interaction with other data collection and processing activities. Prepares technical

reports and quality controls technical data bases in support of collection operations. Performs advanced signals analysis to determine signal parameters for identification. Supervises processing and reporting. Supervises collection management process.

(4) *MOSC 98K40*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises and determines SIGINT collection requirements and identification activities and interprets collection priorities at the platoon level.

(5) *MOSC 98K50*. Performs duties shown in preceding skill level and provides guidance to subordinate soldiers. Supervises immediate subordinates in SIGINT/EW operations and command procedures. Coordinates tactical and strategic signals collection/identification and provides appraisals of intelligence products, activities and operations. Develops unit intelligence training strategy.

*b. Physical demands rating and qualifications for initial award of MOS.* Signals collection/identification analysts must possess the following qualifications:

- (1) A physical demands rating of light.
- (2) A physical profile of 222121.
- (3) Normal color vision.
- (4) A minimum score of 95 in aptitude area ST.
- (5) Meet hearing acuity test standards per AR 40-501.
- (6) Security clearance of TOP SECRET with eligible for access to sensitive compartmented information (SCI).
- (7) A high school graduate or equivalent.
- (8) Never have been a member of the U.S. Peace Corps, except as specified in AR 614-200, chapter 1.
- (9) No information in military personnel, Provost Marshal, intelligence, or medical records which would prevent the granting of a security clearance under AR 380-67.
- (10) No record of conviction by court-martial.
- (11) No record of conviction by a civil court for any offense other than minor traffic violations.
- (12) The soldier must be a U.S. citizen.

(a) Members of immediate family (spouse, parents, brothers, sisters, and children) must also be U.S. citizens. Soldier and immediate family members can be naturalized citizens. If naturalized, there is no minimum residency requirement.

(b) Soldier and spouse must not have immediate family members who reside in a country within whose boundaries physical or mental coercion is known to be common practice, either against—

1. Persons accused of or acting in the interest of the U.S.
2. The relatives of such persons to whom they may reasonably be considered to be bound by ties of affection, kinship, or obligation. Near relatives will also include uncles, aunts, grandparents, father-in-law, mother-in-law, and relationships corresponding to any of the above persons in loco parentis (AR 630-5, para 6-2b).

(13) Have neither commercial nor vested interest in a country within whose boundaries physical or mental coercion is known to be a common practice against persons acting in the interest of the U.S. This requirement applies to the soldier's spouse as well.

(14) Meet career management and development criteria contained in AR 600-200, AR 614-200, and DA Pam 351-4.

(15) Formal training (completion of MOS 98K course under the auspices of the U.S. Army Intelligence Center mandatory.

(16) Be advised that due to the nature of training and assignments, temporary restrictions may be placed on foreign travel both during and after the term of service.

*c. Additional skill identifiers.*

- (1) J1—Telemetry Collection Operations.
- (2) K2—Advance Senior (Sr) Analysis.
- (3) M7—Intermediate (Inter) Analysis (Skill level 1-3 only).
- (4) P5—Master Fitness Trainer.
- (5) 2G—Counter-Signals Intelligence (C-SIGINT) Operations.
- (6) 2S—Battle Staff Operations (skill level 3 and above).
- (7) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-98K-1*. Physical requirements.

(2) *Table 10-98K-2*. Standards of grade TOE/MTOE.

(3) *Table 10-98K-3*. Standards of grade TDA.

### **10-286. 98Z-Signals Intelligence (SIGINT) Senior Sergeant (SIGINT Sr SGT), CMF 98**

*a. Major duties.* The SIGINT Sr SGT serves as staff NCO for major commands engaged in Signals intelligence/electronic warfare (SIGINT/EW) operations and combat development, or training. Supervises SIGINT/EW activities and provides technical, operational, and administrative guidance and direction to enlisted soldiers at division, Corps, and echelon above Corps (EAC). Reviews, evaluates, prepares and executes SIGINT/EW deployment, employment, and redeployment plans and orders. Interprets intelligence requirements for translation into SIGINT/EW tasking. Reviews SIGINT/EW doctrinal publications and prepares recommended changes. Compares modification table of organization and equipment (MTOE) and table of distribution and allowances (TDA) authorization documents with SIGINT/EW missions and functions and recommends revisions.

*b. Physical demands rating and qualifications for initial award of MOS.* SIGINT Sr SGT must possess the following qualifications:

- (1) Physical demands rating—N/A.
- (2) A physical profile of 222221.
- (3) Minimum score in aptitude area—N/A.
- (4) A security clearance of TOP SECRET with eligibility for access to sensitive compartmented information (SCI).
- (5) A high school graduate or equivalent.
- (6) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200, chapter 1.
- (7) No information in military personnel, Provost Marshal, intelligence, or medical records which would prevent the granting of a security clearance under AR 604-5.
- (8) No record of conviction by court-martial.
- (9) No record of conviction by civil court for any offense other than minor traffic violations.
- (10) A U.S. citizen.

(a) Members of immediate family (spouse, parents, brothers, sisters and children) must also be U.S. citizens. Soldier and immediate family members can be naturalized citizens. If naturalized, there is no minimum residency requirement.

(b) Soldier and spouse must not have immediate family members who reside in a country within whose boundaries physical or mental coercion is known to be a common practice, either against—

1. Persons accused of or acting in the interest of the U.S.
2. The relatives of such persons to whom they may reasonably be considered to be bound by ties of affection, kinship, or obligation. Near relatives will also include uncles, aunts, grandparents, father-in-law, mother-in-law, and relationships corresponding to any of the above persons in loco parentis (AR 630-5 and 37 USC 501).

(11) Have neither commercial nor vested interest in a country within whose boundaries physical or mental coercion is known to be a common practice against persons acting in the interest of the U.S. This requirement applies to the soldier's spouse as well.

(12) Meet career management and development criteria contained in AR 600-200, AR 614-200, and DA Pam 351-4.

(13) Be advised that due to the nature of training and assignments, temporary restrictions may be placed on foreign travel both during and after the term of service.

*c. Additional skill identifiers.*

- (1) P5—Master Fitness Trainer.
- (2) 2S—Battle Staff Operations (skill level 3 and above).
- (3) 4A—Reclassification Training.

*d. Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:

- (1) *Table 10-98Z-1*. Physical requirements.
- (2) *Table 10-98Z-2*. Standards of grade TOE/MTOE.
- (3) *Table 10-98Z-3*. Standards of grade TDA.

**Table 10-00B-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2	1. Frequently lifts and carries 200 pounds.
2	1, 2	2. Occasionally lifts and carries 127 pounds.
3	1, 2	3. Must meet specific physical standards prescribed in AR 40-501.
4	1, 2	
5	1, 2	

**Table 10-00B-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	DIVER	00B1O	PFC				1	1	1	1	1	1	2	Single position graded SSG, Diving NCO.
2	DIVER	00B1O	SPC	1	1	1	1	1	1	2	2	2	2	
3	LEAD DIVER	00B2O	SGT		1	1	2	2	2	3	3	3		
4	DIVING SUPERVISOR	00B3O	SSG	1	1	1	1	1	2	2	2	3	3	
5	SENIOR DIVING SUPV	00B4O	SFC											Principal NCO in Engineer Light Diving Team.
6	MASTER DIVING SUPV	00B5O	MSG											Principal NCO in Engineer Heavy Diving Team.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-00B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	DIVER	00B1O	PFC				1	1	1	1	1	1	2	Single position graded SSG, Diving NCO.
2	DIVER	00B1O	SPC	1	1	1	1	1	1	2	2	2	2	
3	LEAD DIVER	00B2O	SGT		1	1	2	2	2	3	3	3		
4	DIVING SUPERVISOR	00B3O	SSG	1	1	1	1	1	2	2	2	3	3	
5	DIVING LIAISON NCO	00B4O	SFC											Tank-automotive & Armaments Command (TACOM).
6	DIVER TRNG SUPV	00B5O	MSG											MOBDES & Trades Dept, Office Chief of Transportation (USATSCH).
7	CHIEF DIVING SUPERVISOR	00B5O	MSG											Directorate of Training and Doctrine Development (DOTD) USAES.

Notes:

- \* 1. Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-00Z-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory Notes
1	COMMAND SERGEANT MAJOR	00Z5O	CSM	Battalion or squadron or higher level.

Notes:  
<sup>1</sup> Only one position per unit.

**Table 10-02-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Frequently lifts and carries 25 pounds while marching 6 miles.
2	1, 2, 3	2. Must possess finger dexterity in both hands and hand/eye coordination.
3	1, 2, 3	3. Must possess auditory acuity.
4	1, 2, 3	

**Table 10-02-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
<b>Division/Army Bands</b>				
1	INSTRUMENTALIST	02_1O	SPC	1. Positions listed in lines 1 thru 4 will be graded without regard to instrument to provide 4 SFC, 8 SSG, 12 SGT and 16 SPC per band. 2. Use characters B, C, D, E, F, G, H, J, K, L, M, N, T or U in the third position of the MOS to identify specific high brass, low brass, woodwind, or rhythm instrumentalists.
2	SR INSTRUMENTALIST	02_2O	SGT	
3	SECTION LEADER	02_3O	SSG	
4	GROUP LEADER	02_4O	SFC	
5	FIRST SERGEANT	02Z5M	1SG	Basis of one per band hq except as noted in line 6.
6	BAND SERGEANT MAJOR	02Z5O	SGM	1. 296th, 323d and 389th Army Band. 2. 8th USA Band.
<b>MACOM Bands</b>				
7	INSTRUMENTALIST	02_2OC1	SGT	1. Positions listed in lines 7 thru 9 will be graded without regard to instrument to provide 13 SFC, 19 SSG and 23 SGT per band. 2. Use characters B, C, D, E, F, G, H, J, K, L, M, N, T or U in the third position of the MOS to identify specific brass, woodwind or rhythm instrumentalists.
8	SR INSTRUMENTALIST	02_3OC1	SSG	
9	SECTION LEADER	02_4OC1	SFC	
10	GROUP LEADER	02Z5OC1	MSG	Basis of one per instrument group.
11	BAND SERGEANT MAJOR	02Z5O	SGM	Basis of one per band.

Notes:  
1. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.  
2. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-02-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<b>School of Music</b>														
1	TRNG SUPPORT NCO	02_3O	SSG	1	2	3	4	4	5	6	6	7	Grades of additional positions will be in same pattern.	
2	SR TRNG SUPPORT NCO	02_4O	SFC	1	1	1	1	1	2	2	2	3	3	
3	CH TRNG SUPPORT NCO	02_5O	MSG	Training Support Division provided there are 15 or more enlisted positions in the division.										
4	SCHOOL SECRETARY	02Z5O	MSG											
5	FIRST SERGEANT	02Z5M	1SG	Principal NCO of a company.										
6	SCHOOL SGM	02Z5O	SGM											
<b>SHAPE Int'l Band</b>														
7	INSTRUMENTALIST	02_2OC1	SGT											
8	SR INSTRUMENTALIST	02_3OC1	SSG											
9	GROUP LEADER	02_4OC1	SFC											
10	FIRST SERGEANT	02Z5MC1	1SG											
<b>CINCSOUTH Band</b>														
11	INSTRUMENTALIST	02_2OC1	SGT											
12	SR INSTRUMENTALIST	02_3OC1	SSG											
13	GROUP LEADER	02_4OC1	SFC											
<b>USA Recruiting Command/Bde</b>														
14	LN NCO BAND	02_3OC1	SSG											
15	SR LN NCO BAND	02_4OC1	SFC											

Notes:  
\* 1. Blank spaces in this column indicate not applicable.  
\*\* 2. Use characters B, C, D, E, F, G, H, J, K, L, M, N, T, or U in the third position of the MOS to identify specific high brass, low brass, woodwind or rhythm instrumentalists.  
3. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.  
4. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-02S-1  
Physical requirements**

Skill level	Task numbers	Tasks
3	1, 2, 3	1. Frequently lifts and carries 25 pounds while marching 6 miles.
4	1, 2, 3	2. Must possess finger dexterity in both hands and hand/eye coordination.
5	1, 2, 3	3. Must possess auditory acuity.

**Table 10-02S-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
<b>The U.S. Army Band</b>				
1	INSTRUMENTALIST	02S3O	SSG	1. Commander may alter positions and grades so as to meet the needs of the U.S. Army Band. However, grades must not exceed 25 SGM, 51 MSG, 78 SFC and 92 SSG. 2. Note is applicable to the entire U.S. Army Band SG.
2	VOCALIST	02S3O	SSG	
3	SUPPORT NCO	02S3O	SSG	

**Table 10-02S-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Explanatory notes
4	SENIOR INSTRUMENTALIST	02S40	SFC	
5	SENIOR VOCALIST	02S40	SFC	
6	SENIOR SPT NCO	02S40	SFC	
7	SECTION LEADER	02S40	SFC	
8	MASTER INSTRUMENTALIST	02S50	MSG	
9	SECTION LEADER	02S50	MSG	
10	MASTER VOCALIST	02S50	MSG	
11	MASTER SPT NCO	02S50	MSG	
12	SENIOR SOLOIST	02S50	SGM	
13	GROUP LEADER	02S50	SGM	
14	DRUM MAJOR	02S50	SGM	
15	BAND SERGEANT MAJOR	02S50	SGM	
<b>The U.S. Army Field Band</b>				
16	INSTRUMENTALIST	02S30	SSG	1. Commander may alter positions and grades so as to meet the needs of the U.S. Army Field Band. However, grades must not exceed 14 SGM, 28 MSG, 43 SFC and 50 SSG. 2. Note is applicable to the entire U.S. Army Field Band SG.
17	VOCALIST	02S30	SSG	
18	SUPPORT NCO	02S30	SSG	
19	SENIOR INSTRUMENTALIST	02S40	SFC	
20	SENIOR VOCALIST	02S40	SFC	
21	SENIOR SPT NCO	02S40	SFC	
22	SECTION LEADER	02S50	MSG	
23	MASTER VOCALIST	02S50	MSG	
24	MASTER INSTRUMENTALIST	02S50	MSG	
25	MASTER SPT NCO	02S50	MSG	
26	BAND SERGEANT MAJOR	02S50	SGM	
27	GROUP/SECTION LEADER	02S50	SGM	
<b>The United States Military Academy Band</b>				
28	INSTRUMENTALIST	02S30	SSG	1. Commander may alter positions and grades so as to meet the needs of the U.S. Military Academy Band. However, grades must not exceed 9 SGM, 18 MSG, 28 SFC and 41 SSG. 2. Note is applicable to the entire U.S. Military Academy Band SG.
29	VOCALIST	02S30	SSG	
30	SUPPORT NCO	02S30	SSG	
31	SENIOR INSTRUMENTALIST	02S40	SFC	
32	SECTION LEADER	02S40	SFC	
33	SENIOR SPT NCO	02S40	SFC	
34	SECTION LEADER	02S50	MSG	
35	GROUP LEADER	02S50	SGM	
36	DRUM MAJOR	02S50	SGM	

**Table 10-02S-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Explanatory notes
37	BAND SERGEANT MAJOR	02S50	SGM	

Notes:

1. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-02S-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
<b>The 3d Infantry Fife and Drum Corps (The Old Guard)</b>				
1	INSTRUMENTALIST	02S30	SSG	1. Commander may alter positions and grades so as to meet the needs of the 3d Infantry Fife and Drum Corps (The Old Guard). However, grades must not exceed 1 SGM, 8 MSG, 17 SFC and 43 SSG. 2. Note is applicable to the entire 3d Infantry Fife and Drum Corps (The Old Guard) SG.
2	OPERATIONS NCO	02S40	SFC	
3	SECTION LEADER	02S40	SFC	
4	GROUP LEADER	02S50	MSG	One per musical group.
5	DRUM MAJOR	02S50	MSG	Second position graded MSG.
6	CORPS SERGEANT	02S50	MSG	Second position graded MSG.
7	CORPS SERGEANT MAJOR	02S50	SGM	

Notes:

1. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-02Z-1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2, 3	1. Frequently lifts and carries 25 pounds while marching 6 miles. 2. Must possess finger dexterity in both hands and hand/eye coordination. 3. Must possess auditory acuity.

**Table 10-11B-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	1. Frequently visually identifies vehicles, equipment, and individuals at long distances.
2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13	2. Occasionally raises and carries 160 pounds person on back.
3	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13	3. Frequently performs all other tasks while carrying a minimum of 65 pounds, evenly distributed over entire body.
4	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13	4. Frequently digs, lifts, and shovels 21 pounds scoops of dirt in bent, stooped or kneeling position.
5	1, 2, 8, 13, 14	5. Must be able to hear oral commands in outdoor area from distances up to 50 meters. 6. Frequently walks, runs, crawls, and climbs over varying terrain for a distance of up to 25 miles. 7. Frequently runs for short distances. 8. Occasionally walks slowly for 2 hours out of 6 while carrying 26 pounds. 9. Frequently gives oral commands in outside area at distances up to 50 meters. 10. Frequently lifts and lowers 32 pounds bags shoulder high.

**Table 10–11B–1  
Physical requirements—Continued**

Skill level	Task numbers	Tasks
		11. Frequently throws 1 pound object 40 meters. 12. Occasionally throws 1 pound object 40 meters. 13. Occasionally climbs a rope a distance of up to 30 feet. 14. Occasionally performs all other tasks while carrying a minimum of 65 pounds evenly distributed over entire body.

**Table 10–11B–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<b>Vehicle operations through 5-ton capacity</b>														
1	ASST VEH DRIVER	11B1O	PFC		1	2	2	3	3	4	4	5	5	Assistant driver on cargo vehicles other than HEMTT in: a. Transportation Section, HHC Inf Bn. b. Rifle Company Class III/V Sqd, HHC Inf Bn.
2	ASST VEH DRIVER	11B1O	SPC	1	1	1	2	2	3	3	4	4	5	
<b>Heavy vehicle operations</b>														
3	ASST HVY VEH DRIVER	11B1O	PFC	1	1	2	2	3	3	4	4	5	5	Assistant driver on HEMTT cargo vehicles in: a. Transportation Section, HHC Inf Bn. b. Rifle Company Class III/V Sqd, HHC Inf Bn.
4	ASST HVY VEH DRIVER	11B1O	SPC		1	1	2	2	3	3	4	4	5	
5	RTO	11B1O	PFC	1	1									RTO of Inf Rifle Co Hq Sec.
6	SR RTO	11B2O	SGT	1										
7	VEHICLE DRIVER	11B1O	PFC											
8	SECURITY GUARD	11B1O	PFC											
9	AMMUNITION HAANDLER	11B1O	PFC											
10	MESSENGER	11B1O	PFC											
11	RADIO TELEPHONE OPR	11B1O	PFC											
12	RIFLEMAN	11B1O	PFC											1. Rifle squad of a mechanized company. 2. All Sniper Weapon System operator positions will be further identified with ASI B4. 3. Rifle Squad of Ranger Co.
13	ANTIARMOR SP	11B1O 11B1OC2 11B1O2C	PFC											1. Mech Infantry rifle squad. 2. Non Mech infantry units, assistant to the Antiarmor Sp. 3. Where equipped with the JAVELIN antiarmor missile positions will be further identified with ASI 2C. 4. Units equipped with the Dragon antiarmor missile with ASI C2.
14	SCOUT	11B1O 11B1OB4	PFC											1. Bn scout section/ squad. 2. All Sniper Weapon System Operator positions will be further identified with ASI B4. The first position will be graded PFC and the second SPC.
15	PATHFINDER	11B1OF7	PFC											PATHFINDER Platoon Hq and GS PATHFINDER section.
16	ASST MACHINE GUNNER	11B1OF7	PFC											Machine gun squad of Ranger Rifle Co.
17	SCOUT	11B1O 11B1OB4	SPC											1. Bn scout section/ squad. 2. All Sniper Weapon System positions will be further identified with ASI B4. The first position will be graded PFC and the second SPC.
18	PATHFINDER	11B1OF7	SPC											PATHFINDER platoon Hq and GS PATHFINDER section.
19	SCOUT GUNNER	11B1O	SPC											
20	AMMUNITION SPECIALIST	11B1O	SPC											

**Table 10–11B–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
21	AUTOMATIC RIFLEMAN	11B10	SPC													
22	MACHINEGUNNER	11B10	SPC													
23	RIFLEMAN	11B10	SPC													
24	GRENADIER	11B10	SPC													
25	OPERATIONS ASST	11B10	SPC													
26	ANTIARMOR SP	11B10C2 11B102C	SPC													1. Nonmechanized infantry units. 2. Where equipped with the JAVELIN antiarmor missile positions will be further identified with ASI 2C.
27	CARRIER DRIVER	11B10	SPC													
28	OPNS SGT	11B20 11B20B4	SGT													1. Bn S3 section of an airborne or Mech Inf Bn. Use with ASI B4. 2. Co Hq, Rifle Co (Ranger). Use with ASI B4.
29	FIRE TM LDR	11B20 11B202C	SGT													Where equipped with the JAVELIN antiarmor missile positions will be further identified with ASI 2C.
30	AMMO SEC LDR	11B20	SGT													Ammunition section of units whose mission is to deliver rifle, machinegun, and other small arms fire.
31	TEAM LEADER	11B20B4	SGT													Co Hq, Rifle Co (Ranger). Use with ASI B4.
32	ASSISTANT SQUAD LEADER	11B20	SGT													Scout squads.
33	ASSISTANT TEAM LEADER	11B20 11B20F7	SGT													1. Reconnaissance teams. 2. GS PATHFINDER section and DS Pathfinder squad. Identified with ASI F7. 3. Recon platoon of Ranger regiment. 4. Rifle Squad of Ranger Rifle Co.
34	AMMO CHIEF	11B30 11B30F7	SSG													1. Inf Co or comparable unit. 2. Principal NCO in an infantry battalion support platoon. Use with ASI F7.
35	SQUAD LEADER	11B30	SSG													1. Rifle squad or rifle company or scout squad of scout platoon or element of comparable size. 2. Anti-Tank Sec Hq of Ranger Rifle Co.
36	OPERATIONS SERGEANT	11B30 11B30F7	SSG													1. Air control team at Bn or higher level. 2. S3 Ranger Regiment.
37	TEAM LEADER	11B30 11B30F7 11B302C	SSG													1. Reconnaissance teams of reconnaissance company or detachments. 2. Surveillance team of a long range surveillance unit. Use with ASI F7. 3. GS PATHFINDER section and DS Pathfinder squad. Use with ASI F7. 4. Recon platoon of Ranger regiment. Use with ASI F7. 5. Where equipped with the JAVELIN antiarmor missile positions will be further identified with ASI 2C.
38	DECEPTION NCO	11B30	SSG													Plans/operations section and physical signature team of battlefield deception element of MI battalion supporting a division.
39	SECTION LEADER	11B30C2 11B302C	SSG													1. Antiarmor Section, Rifle Co (Light). 2. Antitank Section Hq, Rifle Co (Ranger). 3. Where equipped with the JAVELIN antiarmor missile positions will be further identified with ASI 2C.
40	LIAISON SERGEANT	11B30	SSG													1. Chief of Staff section of a HHC armored division and in the Executive Officer Section HHC Hvy Sep Bde (Armor). 2. Liaison Team, G3 Section, Army Forces Staff (ARFOR), echelons above Bde and Div. 3. Liaison Section, Corps Rear Tactical operations Center (RTOC). 4. Base Defense Liaison Team, Div RTOC.
41	PLATOON SERGEANT	11B40 11B40F7	SFC													1. Principal NCO in platoon of rifle company or scout platoon. 2. First platoon sergeant position in a infantry TOE and in a infantry battalion support platoon. Use with ASI F7. 3. Principal NCO in a Pathfinder platoon. Use with ASI F7.

**Table 10–11B–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
42	TEAM SERGEANT	11B4O 11B4OF7	SFC												Principal NCO in: a. Replacement team of a divisional AG replacement company or comparable unit. b. GS Pathfinder section. Use with ASI F7. c. Recon platoon of Ranger regiment.
43	OPERATIONS SER- GEANT	11B4O 11B4OQ8	SFC												1. Hq Co at Div level or in Hq as principal operations air NCO at Corps or comparable unit. 2. G3 section, Army Forces Staff, echelons above Bde and Div. Use with ASI Q8. 3. Hq Sec, LRS Det, MI Bn. 4. Hq Sec, LRS Co, MI Bn, Mtz Div. 5. Liaison team (ARFOR). Second position graded SSG. 6. S2 of a Ranger Regiment.
44	ASSISTANT OPS SGT	11B4O 11B4OB4	SFC												1. Inf Bn or Inf Bde. 2. Bn S3 section of a light or air assault Bn. Use with ASI B4. 3. Operations/Intelligence Section, Corps Rear Tactical operations Center (RTOC). 4. Hq Sec, LRS Co, Corps. 5. Operations Section, Corps RAOC.
45	LIAISON SERGEANT	11B4O	SFC												1. Light, airborne and air assault infantry battalions. 2. Liaison Section, Corps Rear Tactical Operations Center (RTOC). 3. Ground LNO Team of a Ground LNO Det (BCE).
46	SECTION SERGEANT	11B5O	MSG												Principal NCO in replacement section of a divisional AG replacement company or comparable unit.
47	PLATOON SERGEANT	11B5O	MSG												Principal NCO in recon platoon of Ranger regiment.
48	INTELLIGENCE SER- GEANT	11B5O	MSG												Principal intelligence NCO in Inf Bn, Bde or comparable unit.
49	OPERATIONS SER- GEANT	11B5O	MSG												1. Principal operations NCO in Inf Bn or comparable unit. 2. Principal NCO in Operations Section, Corps RAOC. 3. Ops/Intel Sec, Corps and Div Rear Tactical Operations Center (RTOC). 4. Hq Sec, LRS Company, Corps. 5. Force Design/Plans Br, COSCOM. 6. S3 of a Ranger Regiment.
50	FIRST SERGEANT	11B5M 11B5MF7	1SG												1. Principal NCO in Inf Co or comparable unit. 2. Use with ASI F7 in a long range surveillance unit.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–11B–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	LT WHL VEH DRV	11B1O	PFC	
2	SECURITY GUARD	11B1O	PFC	
3	RIFLEMAN	11B1O	PFC	
4	AUTOMATIC RIFLEMAN	11B1O	SPC	
5	MACHINEGUNNER	11B1O	SPC	
6	RIFLEMAN	11B1O	SPC	
7	GRENADIER	11B1O	SPC	
8	FIRE TM LDR	11B2O	SGT	

**Table 10–11B–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
9	RANGE INSPECTOR RANGE SAFETY INSP	11B20	SGT	1. USAG Ft Campbell. 2. USA Signal Ctr. 3. USAG Ft Riley. 4. USAG Ft Lewis. 5. USAG Ft Belvoir.
10	AMMO CHIEF	11B30	SSG	
11	RANGE INSPECTOR RANGE SAFETY INSP	11B30	SSG	1. USAG Panama. 2. USAG Hawaii. One subsequent position graded SGT.
12	SQUAD LEADER	11B30	SSG	
13	PLATOON SERGEANT	11B40	SFC	Principal NCO in a platoon.
14	TEAM SERGEANT	11B40	SFC	
15	ASSISTANT OPS SGT	11B40	SFC	
16	LIAISON SERGEANT	11B40	SFC	
17	CH MASTER INSTR	11B5H	MSG	Principal ROTC Instructor at an Educational Institution within the USA Cadet Cmd. A total of 25 positions within the USA Cadet Cmd will be graded and coded per this line.
18	INTELLIGENCE SERGEANT	11B5O	MSG	Principal intelligence NCO in Inf Bn, Bde or comparable unit.
19	FIRST SERGEANT	11B5M	1SG	Principal NCO in Inf Co or comparable unit.

Notes:

1. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional manpower grading requirements.

**Table 10–11C–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 8, 9, 10, 11	1. Frequently performs all other tasks while carrying a minimum of 65 pounds, evenly distributed over entire body.
2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11	2. Frequently runs for short distances.
3	1, 2, 3, 4, 5, 6, 7, 8, 9	3. Occasionally raises and carries 160 pounds person on back.
4	1, 2, 3, 4, 7, 9, 12	4. Occasionally throws 1 pound object 40 meters.
5	1, 2, 3, 4, 7, 9, 12	5. Frequently lifts and lowers 32 pound bags shoulder high. 6. Occasionally lifts and lowers 282 pounds 6 inches as part of a 2 soldier team (prorated 141 pounds). 7. Frequently gives oral commands in outside area at distances up to 50 meters. 8. Frequently digs, lifts, and shovels 21 pounds scoops of dirt in bent, stooped, or kneeling position. 9. Occasionally walks slowly for 2 hours out of 6 while carrying up to 41 pounds. 10. Frequently lifts and carries rapidly for short distances, 156 pounds as part of a 2 soldier team (prorated 78 pounds). 11. Frequently lifts 27 pounds object 4 feet high and places in vertical tube. 12. Occasionally digs, lifts and shovels 21 pounds scoops of dirt.

**Table 10–11C–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	Lt whl veh dvr	11C10	PFC	See paragraph 9–3a(2)(c).
2	Ammunition bearer	11C10	PFC	
3	Assistant gunner	11C10	PFC	
4	Loader	11C10	PFC	
5	Radio telephone operator	11C10	PFC	
6	Carrier driver	11C10	SPC	

**Table 10–11C–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Explanatory notes
7	Mortar carrier driver	11C10	SPC	
8	Gunner	11C10	SPC	
9	Instrument operator	11C10	SPC	
10	Fire direction computer	11C20	SGT	
11	Squad leader	11C20	SGT	Mortar squad.
12	Section leader	11C30	SSG	Mortar platoon with one mortar section.
13	Squad leader	11C30	SSG	Armored cavalry or recon mortar squads.
14	Fire direction chief	11C30	SSG	Each FDC section of a heavy mortar platoon with six guns.
15	Deception NCO	11C30	SSG	Physical signature team of battlefield deception element of MI battalion supporting a division.
16	Section leader	11C40	SFC	Mortar platoon with two or more sections and in armored cavalry or recon mortar sections.
17	Platoon sergeant	11C40 11C4OF7	SFC	1. Mortar platoon, unless line 18 applies. 2. HHC or CSC of a maneuver battalion. Use with ASI F7.
18	Platoon sergeant	11C50 11C5OF7	MSG	1. Heavy mortar platoon with two or more mortar sections in mechanized infantry, armored cavalry and tank battalion. 2. Mortar platoon, HHC, Light Armored Battalion. 3. HHC or CSC of a maneuver battalion. Use with ASI F7.
19	First sergeant	11C5M	1SG	Principal NCO in an airborne or mechanized infantry Hq Co or comparable unit.

Notes:

<sup>1</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–11C–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	Lt whl veh dvr	11C10	PFC	See paragraph 9-3a(2)(c)
2	Ammunition bearer	11C10	PFC	
3	Assistant gunner	11C10	PFC	
4	Loader	11C10	PFC	
5	Radio telephone operator	11C10	PFC	
6	Carrier driver	11C10	SPC	
7	Mortar carrier driver	11C10	SPC	
8	Gunner	11C10	SPC	
9	Instrument operator	11C10	SPC	
10	Fire direction computer	11C20	SGT	
11	Squad leader	11C20	SGT	Mortar squad.
12	Section leader	11C30	SSG	Mortar platoon with one mortar section.
13	Squad leader	11C30	SSG	Armored cavalry or recon mortar squads.
14	Fire direction chief	11C30	SSG	Each FDC section of a heavy mortar platoon with six guns.
15	Deception NCO	11C30	SSG	Physical signature team of battlefield deception element of MI battalion supporting a division.
16	Section leader	11C40	SFC	Mortar platoon with two or more sections and in armored cavalry or recon mortar sections.
17	Platoon sergeant	11C40 11C4OF7	SFC	1. Mortar platoon with one mortar section. 2. HHC or CSC of a maneuver battalion. Use with ASI F7.
18	Platoon sergeant	11C50 11C5OF7	MSG	1. Mortar platoon with two or more sections. 2. HHC or CSC of a maneuver battalion. Use with ASI F7.

**Table 10-11C-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
19	First sergeant	11C5M	1SG	Principal NCO in an airborne or mechanized infantry Hq Co or comparable unit.

Notes:

<sup>1</sup> Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional lines(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-11H-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 8, 9	1. Frequently performs all other tasks while carrying a minimum of 65 pounds, evenly distributed over entire body.
2	1, 2, 3, 4, 5, 6, 7	2. Constantly visually identifies vehicles, equipment, and individuals at long distances.
3	1, 2, 3, 4, 6, 7	3. Occasionally walks, runs, crawls, and climbs over varying terrain for a distance of up to 25 miles.
4	1, 2, 3, 6	4. Frequently raises and carries 160 pounds person on back.
5	3, 4, 6, 10	5. Occasionally digs, lifts, and shovels 21 pound scoops of dirt in bent, stooped, or kneeling position. 6. Occasionally walks slowly for 2 hours out of 6 while carrying a minimum of 26 pounds. 7. Frequently gives oral commands in outside area at distances up to 50 meters. 8. Frequently lifts 55 pounds 3 feet high, moves laterally 5 feet and places object in tube. 9. Occasionally carries 153 pounds 10 meters. 10. Occasionally performs all other tasks while carrying a minimum of 65 pounds evenly distributed over entire body.

**Table 10-11H-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
<b>CFV antiarmor squad</b>															
1	Assistant gunner	11H1OD3	PFC			1	1								The full crew of this vehicle consists of four soldiers. Squad leader position will be graded SSG, except when replaced by Plt Ldr or Plt SGT.
2	BTV driver	11H1OD3	SPC	1	1	1	1								
3	Gunner	11H2OD3	SGT	1	1	1									
4	Squad leader	11H3OD3	SSG			1									
5	Lt whl veh dvr	11H1O	PFC												See paragraph 9-3a(2)(c).
6	Ammunition bearer	11H1O	PFC												
7	Assistant gunner	11H1O	PFC												
8	Radio telephone opr	11H1O	PFC												
9	Carrier driver	11H1O	SPC												
10	TOW carrier driver	11H1O	SPC												
11	Gunner	11H1O	SPC												
12	Operations assistant	11H1O	SPC												
13	BTV driver	11H1OD3	SPC												Co Hq, Inf Bn (Mech). Use with ASI D3.
14	Gunner	11H2OD3	SGT												Co Hq, Inf Bn (Mech). Use with ASI D3.
15	Squad leader	11H2O	SGT												TOW squad or other similar sized antiarmor squad.

**Table 10–11H–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
16	Section leader	11H3O 11H3OS1	SSG												1. TOW section or other similar sized antiarmor section. 2. First TOW section of an antiarmor platoon of airborne, air assault and infantry battalion. Use with ASI S1.
17	Master gunner	11H3OJ3	SSG												Co Hq, Inf Bn (Mech). Use with ASI J3.
18	Platoon sergeant	11H4O 11H4OD3 11H4OF7 11H4OS1	SFC												1. Principal NCO in platoon of antiarmor weapons. 2. Antiarmor Platoon, Infantry Battalion (Mech). Use with ASI D3. 3. First platoon of an antiarmor company and light attack company. Use with ASI F7. 4. Antiarmor Platoon Hq, HHC Infantry Battalion (Light). Use with ASI S1.
19	Asst opns sgt	11H4O	SFC												Antiarmor battalion or comparable unit.
20	Intel sgt	11H5O	MSG												Principal intelligence NCO in an antiarmor battalion or comparable unit.
21	Operations sgt	11H5O	MSG												Principal operations NCO in an antiarmor battalion or comparable unit.
22	First sergeant	11H5M	1SG												Principal NCO in an antiarmor company or comparable unit.

Notes:

<sup>1</sup> Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–11H–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
<b>CFV Antiarmor Squad</b>															
1	Assistant gunner	11H1OD3	PFC			1	1								Full crew of this vehicle consists of four soldiers. Squad leader position will be graded SSG, except when replaced by Plt Ldr or Plt SGT.
2	BTV driver	11H1OD3	SPC	1	1	1	1								
3	Gunner	11H2OD3	SGT	1	1	1									
4	Squad leader	11H3OD3	SSG				1								
5	Lt whl veh dvr	11H1O	PFC												See paragraph 9-3a(2)(c).
6	Ammunition bearer	11H1O	PFC												
7	Assistant gunner	11H1O	PFC												
8	Radio telephone opr	11H1O	PFC												
9	Carrier driver	11H1O	SPC												
10	TOW carrier driver	11H1O	SPC												
11	Gunner	11H1O	SPC												
12	Operations assistant	11H1O	SPC												
13	BTV driver	11H1OD3	SPC												Co Hq, Inf Bn (Mech). Use with ASI D3.
14	Gunner	11H2OD3	SGT												Co Hq, Inf Bn (Mech). Use with ASI D3.
15	Squad leader	11H2O	SGT												TOW squad or other similar sized antiarmor squad.
16	Section leader	11H3O 11H3OS1	SSG												1. TOW section or other similar sized antiarmor section. 2. First TOW section of an antiarmor platoon of airborne, air assault and infantry battalion. Use with ASI S1.
17	Master gunner	11H3OJ3	SSG												Co Hq, Inf Bn (Mech). Use with ASI J3.

**Table 10–11H–3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
18 Platoon sergeant	11H4O 11H4OD3 11H4OF7 11H4OS1	SFC													1. Principal NCO in platoon of antiarmor weapons. 2. Antiarmor Platoon, Infantry Battalion (Mech). Use with ASI D3. 3. First platoon of an antiarmor company and light attack company. Use with ASI F7. 4. Antiarmor Platoon Hq, HHC Infantry Battalion (Light). Use with ASI S1.
19 Asst opns sgt	11H4O	SFC													Antiarmor battalion or comparable unit.
20 Intel sgt	11H5O	MSG													Principal intelligence NCO in an antiarmor battalion or comparable unit.
21 Operations sgt	11H5O	MSG													Principal operations NCO in an antiarmor battalion or comparable unit.
22 First sergeant	11H5M	1SG													Principal NCO in an antiarmor company or comparable unit.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will not be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–11M–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 16	1. Frequently performs all other tasks while carrying a minimum of 65 pounds evenly distributed over entire body.
2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	2. Occasionally raises and carries 160 pounds person on back.
3	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	3. Frequently digs, lifts, and shovels 21 pounds scoops of dirt in bent, stooped or kneeling position.
4	1, 2, 4, 7, 8	4. Frequently visually identifies vehicles, equipment, and individuals at long distances.
5	2, 4, 7, 17	5. Frequently throws 1 pound object a distance of 40 meters. 6. Occasionally walks, runs, crawls and climbs over varying terrain for a distance of up to 25 miles. 7. Occasionally walks slowly for 2 hours out of 6 while carrying a minimum of 26 pounds. 8. Frequently gives oral commands in outside area at distances up to 50 meters. 9. Frequently lifts 89 pounds 5 feet. 10. Frequently lowers 58 pounds 3 feet. 11. Must be able to hear oral commands in outside area from distances up to 50 meters. 12. Occasionally throws 1 pound object 40 meters. 13. Frequently lifts 45 pounds waist high. 14. Occasionally lifts 80 pounds chest high. 15. Occasionally digs, lifts, and shovels 21 pounds scoops of dirt. 16. Frequently lifts 55 pounds over head. 17. Occasionally performs all other tasks while carrying a minimum of 65 pounds evenly distributed over entire body.

**Table 10–11M–2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
<b>Infantry Fighting Vehicle (IFV) Section</b>													

**Table 10-11M-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	IFV DRIVER	11M1O	SPC		1	2	2	2								1. Mech rifle platoon. The full crew of this vehicle consists of three soldiers. One vehicle constitutes a squad and two vehicles constitutes a section.
2	GUNNER	11M1O	SPC					1	1							2. Section leader positions will be graded SSG except when replaced by Plt Ldr or PSG.
3	GUNNER	11M2O	SGT						1							3. One section leader, SSG, per platoon will be further identified with ASI J3.
4	SECTION LEADER	11M3O 11M3OJ3	SSG	1	2	2	2	2	2							
<b>Rifle Squad</b>																
5	GRENADIER RIFLEMAN ANTIARMOR SPECIAL- IST	11M1O 11M1OB4 11M1OC2 11M1O2C	PFC		1	1	1	2	2	2	3					1. Mech infantry plt. The squad consists of four soldiers. 2. All antiarmor specialist positions will be further identified with ASI C2 or where equipped with the JAVELIN antiarmor missile use with ASI 2C. 3. Rifle squad equipped with the Sniper Weapon System all rifleman positions will be further identified with ASI B4.
6	AUTOMATIC RIFLE- MAN	11M1O	SPC			1	2	2	2	3	3					
7	TEAM LEADER	11M2O	SGT	1	1	1	1	1	1	2	2	2				
8	SQUAD LEADER	11M3O	SSG	1	1	1	1	1	1	1	1	1	1			
<b>Vehicle operations through 5-ton capacity</b>																
9	ASST VEH DRIVER	11M1O	PFC		1	2	2	3	3	4	4	5	5			As assistant driver on cargo vehicles other than HEMTT in:
10	ASST VEH DRIVER	11M1O	SPC	1	1	1	2	2	3	3	4	4	5			a. Transportation Section, HHC Inf Bn . b. Rifle Company Class III/V Sqd, HHC Inf Bn.
<b>Heavy vehicle operations</b>																
11	ASST HVY VEH DRIVER	11M1O	PFC	1	1	2	2	3	3	4	4	5	5			As assistant driver on HEMTT cargo vehicles in: a. Transportation Section, HHC Inf Bn. b. Rifle Company Class III/V Sqd, HHC Inf Bn.
12	ASST HVY VEH DRIVER	11M1O	SPC	1	1	2	2	3	3	4	4	5				
13	VEHICLE DRIVER	11M1O	PFC													
14	SECURITY GUARD	11M1O	PFC													
15	AMMUNITION HAND- LER	11M1O	PFC													
16	MESSENGER	11M1O	PFC													
17	RADIO TELEPHONE OPR	11M1O	PFC													
18	RIFLEMAN	11M1O	PFC													
19	ANTIARMOR SPECIAL- IST	11M1OC2 11M1O2C	PFC													1. Where equipped with the Dragon antiarmor missile. 2. Where equipped with the JAVELIN antiarmor missile use with ASI 2C.
20	GRENADIER	11M1O	PFC													
21	ASST GUNNER	11M1O	PFC													
22	AMMUNITION SPE- CIALIST	11M1O	SPC													
23	AUTOMATIC RIFLE- MAN	11M1O	SPC													
24	CARRIER DRIVER	11M1O	SPC													
25	GUNNER	11M1O	SPC													Rifle platoon as commander hop.
26	MACHINEGUNNER	11M1O	SPC													
27	IFV DRIVER	11M1O	SPC													
28	GRENADIER	11M1O	SPC													
29	OPERATIONS ASSIST- ANT	11M1O	SPC													
30	OPERATIONS SER- GEANT	11M2O 11M2OB4	SGT													Bn S3 Sec of a Mech Bn. Use with ASI B4.
31	ASST SQUAD LEADER	11M2O	SGT													

**Table 10-11M-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
32	GUNNER	11M2O	SGT													
33	AMMUNITION SEC LDR	11M2O	SGT													Ammunition section of units whose mission is to deliver rifle, machinegun, and other small arms fire within the capabilities of the mechanized infantry.
34	SQUAD LEADER	11M2O	SGT													Squad in ordnance ammunition support company, ordnance supply company, or comparable unit.
35	AMMUNITION CHIEF	11M3O	SSG													Mechanized infantry company or comparable unit.
36	SQUAD LEADER	11M3O	SSG													
37	SECTION SERGEANT	11M3O	SSG													Ordnance ammunition support company or unit of comparable level.
38	OPERATIONS SER-GEANT	11M3O	SSG													Control team at battalion or higher level.
39	ASST PLATOON SGT	11M3O	SSG													Primary assistant to platoon sergeant in platoon of a mechanized infantry rifle company.
40	MASTER GUNNER	11M3OJ3	SSG													Infantry company/platoon as master gunner on commander's/platoon leader's infantry fighting vehicle.
41	LIAISON SERGEANT	11M3O	SSG													1. Chief of Staff section of a HHC armored division. 2. Executive officer section of a HHC Hvy Sep Bde (Armor).
42	MASTER GUNNER	11M4OJ3	SFC													In the S3 section of infantry fighting vehicle battalion. Position will be identified with ASI J3.
43	TEAM SERGEANT	11M4O	SFC													Personnel Ops Sec, in HHC Mechanized Inf Div.
44	PLATOON SERGEANT	11M4O 11M4OF7	SFC													1. Principal NCO in platoon of infantry fighting vehicle company. 2. Battalion support platoon of a HHC and the first platoon sergeant position of a rifle company. Use with ASI F7.
45	OPERATIONS SER-GEANT	11M4O	SFC													1. Headquarters company at division level. 2. Headquarters as principal air operations NCO at corps or comparable level.
46	ASST OPS SGT	11M4O	SFC													BFVS infantry battalion or mechanized brigade.
47	INTEL SGT	11M5O	MSG													Principal intelligence NCO in mechanized infantry (BIFV) battalion or comparable unit.
48	SECTION SERGEANT	11M5O	MSG													Principal NCO in HHC, Mech Inf Div.
49	OPERATIONS SGT	11M5O	MSG													Principal operations NCO in battalion or mechanized infantry (BIFV) or comparable unit.
50	FIRST SERGEANT	11M5M	1SG													Principal NCO in mechanized infantry (BIFV) company or comparable unit.

Notes:

- \* 1. Blank spaces in this column indicate not applicable.
- 2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- 3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE CombatDevelopers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-11M-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	VEHICLE DRIVER	11M1O	PFC	
2	RIFLEMAN	11M1O	PFC	
3	ANTIARMOR SPECIALIST	11M1OC2 11M1O2C	PFC	1. Where equipped with the DRAGON antiarmor missile use ASI C2. 2. Where equipped with the JAVELIN antiarmor missile use with ASI 2C.
4	ASST GUNNER	11M1O	PFC	
5	AUTOMATIC RIFLEMAN	11M1O	SPC	
6	CARRIER DRIVER	11M1O	SPC	

**Table 10–11M–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
7	GUNNER	11M1O	SPC	
8	GRENADIER	11M1O	SPC	
9	OPERATIONS ASSISTANT	11M1O	SPC	
10	OPERATIONS SERGEANT	11M2O 11M2OB4	SGT	Battalion S3 section. Use with ASI B4.
11	SQUAD LEADER	11M2O	SGT	Squad in Ord Ammo Spt Co, Ord Supply Co, or comparable unit.
12	SQUAD LEADER	11M3O	SSG	
13	OPERATIONS SERGEANT	11M3O	SSG	Control Tm at Bn or higher level.
14	MASTER GUNNER	11M3OJ3	SSG	Inf Co/Plt as master gunner on commander's/platoon leader's Infantry fighting vehicle.
15	MASTER GUNNER	11M4OJ3	SFC	S3 section of Infantry fighting vehicle battalion.
16	PLATOON SERGEANT	11M4O 11M4OF7	SFC	1. Principal NCO in platoon of Infantry fighting vehicle Co. 2. Bn Spt Plt of a HHC and the first platoon sergeant position of a rifle company. Use with ASI F7.
17	OPERATIONS SERGEANT	11M4O	SFC	
18	CH MASTER INSTR	11M5H	MSG	Principal ROTC Instructor at an Educational Institution within the USA Cadet Cmd. A total of 14 positions within the USA Cadet Cmd will be graded and coded per this line.
19	OPERATIONS SGT	11M5O	MSG	Principal operations NCO in Bn or Mech Inf (BIFV) or comparable unit.
20	FIRST SERGEANT	11M5M	1SG	Principal NCO in Mech Inf (BIFV) Co or comparable unit.

Notes:

1. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional manpower grading requirements.

**Table 10–11Z–1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2, 3, 4, 5	<ol style="list-style-type: none"> <li>1. Frequently visually identifies vehicles, equipment, and individuals at long distances.</li> <li>2. Occasionally raises and carries 160 pound person on back.</li> <li>3. Occasionally walks slowly for 2 hours out of 6 while carrying 26 pounds.</li> <li>4. Occasionally climbs a rope a distance of up to 30 feet.</li> <li>5. Occasionally performs all other tasks while carrying a minimum of 65 pounds evenly distributed over entire body.</li> </ol>

**Table 10–11Z–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory Notes
1	Operations sergeant	11Z5O	SGM	<ol style="list-style-type: none"> <li>1. Principal NCO in infantry brigade, combined arms brigade, or in comparable or higher headquarters.</li> <li>2. Principal operations NCO of joint operations in infantry division, corps, Army, or in comparable or higher headquarters.</li> <li>3. Principal operations NCO in a corps, TAACOM, and TAACOM(ASG) Rear Tactical Operations Center.</li> </ol>

Notes:

- <sup>1</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- <sup>2</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-11Z-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	Operations sergeant	11Z5O	SGM	1. Principal operations NCO in brigade, or in comparable or higher headquarters. 2. Principal NCO in ofc of G3 USAR Division Exercise Hq.

Notes:

- <sup>1</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will not be graded in the aggregate.  
<sup>2</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-12B-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8, 9	1. Frequently lifts 67 pounds 5 feet vertically and carries 30 feet. 2. Frequently lifts and lowers 100 pounds. 3. Frequently lifts and carries 70.5 pounds 1 to 650 feet. 4. Frequently pushes and pulls 80 pounds 1 to 3 feet. 5. Frequently pulls 100 pounds 3 feet. 6. Occasionally lifts 90 pounds and carries 25 feet. 7. Occasionally exerts 950 pounds per square foot of pressure with legs for duration of 15 seconds. 8. Must possess finger dexterity in both hands. 9. Frequently walks, runs, crawls, and climbs over varying terrain for a distance of up to 25 miles.
2	1, 2, 3, 4, 5, 6, 7, 8, 9	
3	1, 2, 3, 4, 5, 6, 7, 8, 9	
4	4, 5, 6, 7, 8, 9	

**Table 10-12B-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	VEHICLE DRIVER	12B1O	PFC		1	2	2	3	3	4	4	5	5		1. Engr Bn Hvy Div (when the number of drivers exceed one per vehicle per operating shift such positions will be authorized in grade PFC): a. Co Hq Engr Co. b. Trans Sec, Spt Plt. 2. Vehicles greater than 5 ton grade SPC, Heavy vehicle driver. Additional positions graded SPC. 3. Grades of additional positions will be in same pattern for each shift.
2	VEHICLE DRIVER	12B1O	SPC	1	1	1	2	2	3	3	4	4	5		
3	COMBAT ENGINEER	12B1O	PFC				1								1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
4	COMBAT ENGINEER	12B1O	SPC	1	2	2									
5	ACE OPERATOR	12B1O	SPC	1	1										Grades of additional positions will be in same pattern.
6	ACE OPERATOR	12B2O	SGT		1										
7	VEHICLE DRIVER	12B1O	PFC												
8	TRACK VEHICLE DRIVER	12B1O	PFC												Operator of M113 family of vehicles.
9	CEV LOADER	12B1O	PFC												
10	CEV DRIVER	12B1O	SPC												
11	AVLB OPERATOR WOLVERINE OPERATOR	12B1O	SPC												
12	GRIZZLY OPERATOR	12B1O	SPC												Second position in Grizzly section graded PFC.
13	CEV GUNNER	12B2O	SGT												

**Table 10–12B–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
14	AVLB COMMANDER WOLVERINE COM- MANDER	12B2O	SGT													
15	TEAM LEADER	12B2O	SGT													1. Principal NCO in an engr team. 2. Second Grizzly team leader. 3. Tech Intel Sec, OpsAnalysis Co, MI Bn (CEWI) Tactical Ex- ploitation (TE) (Abn Corps).
16	CEV COMMANDER	12B3O	SSG													
17	SECTION LEADER	12B3O	SSG													1. Principal NCO in Engr Sec. 2. Serves as Grizzly team leader in Hvy Div and Corps Mech Bn. 3. Trans Sec, Support Plt, Engr Bn, Hvy Div.
18	GRIZZLY TEAM LEADER	12B3O	SSG													First Grizzly Team in ACR and Sep Hvy Bde.
19	RECONNAISSANCE SGT	12B3O	SSG													1. Principal reconnaissance NCO. 2. Second position in S2, Engr Bn, Abn and Corps (Lt) also graded SSG.
20	SQUAD LEADER	12B3O	SSG													Principal NCO in engr sqd.
21	CONSTRUCTION FOREMAN	12B3O 12B3O2S	SSG													1. Headquarters of: a. Sep Cbt Engr Co. b. Combat Engr Bn/Bde. 2. Rgmt Engr Sec, Engr Co, ACR. 3. Tech Intel Sec, OpsAnalysis Co, MI Bn (CEWI) Tactical Ex- ploitation (TE) (Abn Corps). 4. Div Engr Sec, Engr Bn, Hvy Div.
22	DECEPTION NCO	12B3O	SSG													Phys Sig Tm of Battlefield Deception Elm, MI Bn.
23	OPERATIONS SER- GEANT	12B4O 12B4O2S	SFC													1. Engr Co Hq (except in HHC of Bn). 2. Rgmt Engr Sec, Engr Co, ACR. 3. TAC, Bde Engr/Asst Bde Engr Sec, HHC, Engr Bn, ID/Hvy Div/LID. 4. Bde Engr Sec, Engr Co, HSB/SIB. 5. Ops/Plans Sec, TAC Sec and Asst Bde Engr Sec, HHD, Engr Bde. 6. S3, S5 and Stf Engr Sec, Engr Bde, Corps. Second position also graded SFC. 7. S2/S3, HHC, Engr Bn, Corps. 8. ACofS, Intel Sec, Engr Cmd. 9. Mobility/Counter Mobility Sec, Contingency HQ (ASCC). 10. Ops/Intel Sec, Rear Ops Ctr (TAACOM/Div). 11. Ops/Intel, Plans, ADC (second position also graded SFC) Sec, Liaison Tm, Rear Ops Ctr (ASG). 12. Ops/Intel, Plans and ADC Sec, Rear Ops Ctr (Corps). 13. Liaison Tm Hq, Rear Ops Liaison Tm. 14. Rear Ops Br, HHC, Corps Spt Gp or Area Spt Gp. 15. Rear TAC Ops Ctr, HHC, Corps. 16. Plan Cell/Main, HHC, Air Assault Div. 17. S2/3/TOC, Ranger Rgmt. 18. Ops, Engr Readiness, Plans and Facilities Br, HHC, Army Svc Comp Cmd.
24	ASST OPERATIONS SGT	12B4O	SFC													S2/3 Sec, HHC, Engr Bn Corps (Mech).
25	CONSTRUCTION IN- SPECTOR	12B4O	SFC													1. Stf Engr Sec, Engr Bde, Corps. 2. ACofS, G5 Civ-Mil Ops, HHC, Trans Cmd.
26	PLATOON SERGEANT	12B4O	SFC													Principal NCO in combat engr platoon.
27	INTELLIGENCE SER- GEANT	12B4O2S	SFC													Principal intelligence NCO in combat engr bns, groups and bdes.
28	DETACHMENT SER- GEANT	12B4O	SFC													Principal NCO in engr detachment hqs.

**Notes:**

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10-12B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	COMBAT ENGINEER	12B1O	PFC	1												1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	COMBAT ENGINEER	12B1O	SPC	1	1											
3	ACE OPERATOR	12B1O	SPC	1	1											Grades of additional positions will be in same pattern.
4	ACE OPERATOR	12B2O	SGT	1												
5	GRIZZLY OPERATOR	12B1O	SPC													Second position in Grizzly section graded PFC.
6	WOLVERINE OPERATOR	12B1O	SPC													
7	COMBAT ENGINEER	12B2O	SGT													ARRC/FST, USA Elm Allied Forces Center, Europe.
8	TEAM LEADER	12B2O	SGT													1. Principal NCO in a engr team. 2. Second Grizzly team leader.
9	OBSERVER/CONTROLLER	12B2O	SGT													Engr AC/RC Coord in Training Line Co of Training Bn of Regional Training Brigade (RTB) Team of RG.
10	WOLVERINE COMMANDER	12B2O	SGT													
11	SQUAD LEADER	12B3O	SSG													Principal NCO in engr squad.
12	SECTION LEADER	12B3O	SSG													Principal NCO in engr section (serves as first Grizzly team leader).
13	PLATOON SERGEANT	12B4O	SFC													Principal NCO in engr platoon.
14	OPERATIONS SERGEANT	12B4O	SFC													1. Second position in Staff Engr Sec, I Corps, HHC, Aug. 2. Engr Co, FTS. 3. 17 Aug 17th Support Gp.

Notes:

- \* 1. Blank spaces in this column indicate not applicable.
- 2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- 3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-12C-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Frequently lifts 125 pounds and carries 25 feet.
2	1, 2, 3, 4	2. Occasionally lifts, carries, pushes, and pulls 83 pounds 15 feet.
3	2, 4	3. Occasionally digs to fill 33 pounds sandbags.
4	2, 4	4. Must possess finger dexterity in both hands.

**Table 10-12C-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	BRIDGE CREWMEMBER	12C1O	PFC			1	2	2	2	2	3	4	4			1. Grades of additional positions will be in same position. Single position titled Bridge crew NCO. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	BRIDGE CREWMEMBER	12C1O	SPC		1	1	1	2	2	3	3	3	4			
3	BRIDGE CREW CHIEF	12C2O	SGT		1	1	1	1	1	2	2	2	2			

**Table 10-12C-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
4	BRIDGE ERECT BOAT OPR	12C1O	SPC	1												Engr unit authorized bridge erection boat shallow draft. Pattern will be applied cumulatively to a section. Senior boat operator see line 12.
5	BRIDGE ERECT BOAT OPR	12C2O	SGT	1	1											
6	VEHICLE DRIVER	12C1O	PFC													
7	ASST OPS SERGEANT	12C2O	SGT													Hq Sec, Multirole Bridge Co.
8	BRIDGE INSPECTOR	12C3O	SSG													Park Sec, Multirole Bridge Co.
9	ASST RECON SER-GEANT	12C3O	SSG													Hq, Aslt Flt Brg, Ribbon or Multirole Engr Co (assistant to the recon sergeant).
10	SECTION LEADER	12C3O	SSG													Principal NCO in Brg Sec of a Engr Brg Co.
11	DEMOLITION SER-GEANT	12C3O	SSG													Brg Plt Hq, Engr Brg Co.
12	SENIOR BOAT OPERATOR	12C3O	SSG													Serves as the bridge erection boat operator on the first boat of each section. (Second boat operator graded SPC.)
13	PLATOON SERGEANT	12C4O	SFC													Principal NCO in a platoon.
14	RECONNAISSANCE SGT	12C4O	SFC													Hq, Aslt Flt Brg, Ribbon or Multirole Engr Co.
15	OPERATIONS SER-GEANT	12C4O	SFC													1. Principal Operations NCO in Hq, Engr Brg Co. 2. Ops/Plans Sec, HHD, Engr Bde.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-12C-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	BRIDGE CREWMEMBER	12C1O	PFC		1	2	2	2	2	2	3	4	4			Grades of additional positions will be in same position.
2	BRIDGE CREWMEMBER	12C1O	SPC	1	1	1	2	2	3	3	3	4				
3	BRIDGE CREW CHIEF	12C2O	SGT	1	1	1	1	1	2	2	2	2	2			
4	SECTION LEADER	12C3O	SSG													Principal NCO in engr bridge section.
5	PLATOON SERGEANT	12C4O	SFC													Principal NCO in engr bridge platoon.
6	OPERATIONS SER-GEANT	12C4O	SFC													Engr Co, FTS.

Notes:

- Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–12Z–1**  
**Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2	1. Must possess normal color vision. 2. Must possess finger dexterity in both hands.

**Table 10–12Z–2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	COMBAT CONST FORE-MAN	12Z5O 12Z5O2S	MSG	Principal NCO in division engr section at division hq.
2	CHIEF BRIDGE NCO	12Z5O	MSG	Stf Engr Sec, Engr Bde, Corps.
3	LIAISON SERGEANT	12Z5O	MSG	Base Defense/ADC, Corps RAOC.
4	FIRST SERGEANT	12Z5M	1SG	Principal NCO of engr company.
5	OPERATIONS SERGEANT	12Z5O 12Z5O2S	MSG	Principal operations NCO in combat engr bn.
6	CHIEF ENGINEER NCO	12Z5O 12Z5O2S	SGM	Stf Engr Sec, Engr Bde, Corps.
7	OPERATIONS SERGEANT	12Z5O 12Z5O2S	SGM	1. Principal operations NCO in engr group or higher hq. 2. ACofS, Ops/Plans Sec, Engr Cmd.
8	INTELLIGENCE SERGEANT	12Z5O	SGM	ACofS, Intel Sec, Engr Cmd.

Notes:

- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–12Z–3**  
**Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	FIRST SERGEANT	12Z5M	1SG	Principal NCO of engr company.
2	OPERATIONS SERGEANT	12Z5O	MSG	1. Principal operations NCO in engr bn. 2. Ops Sec, Engr Bn, FTS. 3. Staff Engr Sec, I Corps, HHC, Aug.
3	SR MIL SCIENCE INSTR	12Z5O	MSG	1. 1st ROTC Region Sr Program: a. James Madison University. b. Univ of PR-Rio Pedras. 2. WI Marquette, 2d ROTC Region Sr Program.
4	COMBAT SENIOR ENGR SGT	12Z5O	SGM	Office of Chief, 1st USA Reserve Comp Spt Gp.
5	CHIEF ENGINEER NCO	12Z5O	SGM	Staff Engr Sec, I Corps, HHC, Aug.

Notes:

- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional manpower grading requirements.

**Table 10-13B-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts 184 pounds 3 feet and carries 6 feet as part of a 2 soldier team (prorated at 97 pounds per soldier).
2	1, 2, 3, 4, 5	2. Frequently lifts 243 pounds 2 feet and carries 30 feet as part of a 2 soldier team (prorated at 121.5 pounds per soldier).
3	3, 4, 5	3. Constantly lifts 200 pounds 3 feet and carries 4 feet as part of a 2 soldier team (prorated at 100 pounds per soldier).
4	4, 5	4. Constantly utilizes visual sighting devices. 5. Must possess red/green color discrimination.

**Table 10-13B-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<b>Howitzer Sections</b>														
1	CANNONEER	13B1O	PFC	1	1	1	1	2	2	3	3	4	4	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other lines.
2	CANNONEER/ASST GUNNER	13B1O	SPC		1	1	1	1	2	2	3	3	4	
3	GUNNER/AMMO TM CH	13B2O	SGT			1	2	2	2	2	2	2	2	
<b>Ammunition Sections</b>														
4	AMMO HANDLER/VEH DVR	13B1O	PFC	1	1	2	2	2	3	3	4	4	4	HSB of FA Cannon Bn.
5	AMMO SP/VEH DVR	13B1O	SPC	1	1	1	2	2	3	3	3	3	4	
6	AMMUNITION SER-GEANT	13B2O	SGT			1	1	1	1	1	2	2		
7	AMMO HANDLER/VEH DVR	13B1O	PFC	1	1	1	2	2	3	3	3	3	3	Firing Btry, FA Cannon Bn.
8	AMMO SP/VEH DVR	13B1O	SPC	1	1	1	2	2	3	3	3	3	3	
9	AMMUNITION SER-GEANT	13B2O	SGT			1	1	1	1	1	2	3	4	
10	VEHICLE DRIVER	13B1O	PFC											
11	PRIME MOVER DRIVER	13B1O	SPC											Towed Howitzer Sec only.
12	SP HOWITZER DRIVER	13B1O	SPC											SP Howitzer Sec only
13	AMMO VEHICLE DRIVER	13B1O	SPC											Howitzer Sec only.
14	FA WEAPONS MECHANIC	13B1OU6	SPC											Unit maintenance of cannon weapons armament systems in towed units.
15	AMMUNITION SPECIALIST	13B1O	SPC											Ammunition Plt Hq of FA cannon units.
16	HOWITZER SECTION CH	13B3O	SSG											FA howitzer section.
17	AMMO SECTION CH	13B3O	SSG											FA ammunition section.
18	AMMUNITION NCO	13B4O	SFC											Ammunition Platoon Hq of FA Cannon Bn.
19	PLATOON SERGEANT	13B4O	SFC											1. Firing plts, 3X6 155mm SP or 3X8 155mm Towed FA Cannon Btry. 2. Supply and maint plt hq, HHB FA Bn (105mm) (Abn).
20	GUNNERY SERGEANT	13B4O	SFC											1. Firing Plt, 3X6 155mm SP or 3X8 155mm Towed FA Cannon Btry. 2. Firing btry hqs, 3X6 105mm or 3X6 155mm FA Cannon Btry.

**Table 10-13B-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
21	CHIEF FIRING BATTERY	13B4O	SFC													Firing Btry Elm, 3X6 155mm or 3X6 105mm FA Cannon Btry.
22	OPS SGT MASTER GNR	13B4O2S	SFC													Operations Section, FA Cannon Battalion.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-13B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<b>Howitzer Sections</b>														
1	CANNONEER	13B1O	PFC	1	1	1	1	2	2	3	3	4	4	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other lines.
2	CANNONEER/ASST GUNNER	13B1O	SPC		1	1	1	1	2	2	3	3	4	
3	GUNNER/AMMO TM CH	13B2O	SGT			1	2	2	2	2	2	2	2	
<b>Ammunition Sections</b>														
4	AMMO HANDLER/VEH DVR	13B1O	PFC	1	1	2	2	2	3	3	4	4	4	Ammo Sec in firing btry and HSB, FA Cannon Bn.
5	AMMO SP/VEH DVR	13B1O	SPC		1	1	1	2	2	3	3	3	4	
6	AMMUNITION SER-GEANT	13B2O	SGT				1	1	1	1	1	2	2	
7	VEHICLE DRIVER	13B1O	PFC											
8	AMMO VEHICLE DRIVER	13B1O	SPC											Howitzer Sec only.
9	PRIMER MOVER DRIVER	13B1O	SPC											Towed Howitzer Sec only.
10	OPERATIONS SER-GEANT	13B2O	SGT											1. USA Element On Site Inspection Agency. 2. HHC USA SETAF & 5th Spt Cmd.
11	TRAINING SGT	13B2O	SGT											Training Command, USAFAS.
12	OPERATIONS SER-GEANT	13B3O	SSG											1. USA Element On Site Inspection Agency. 2. USA Element Kuwait. 3. USA Pacific Acty.
13	HOWITZER SECTION CH	13B3O	SSG											Howitzer section.
14	AMMO SECTION CH	13B3O	SSG											Ammunition section.
15	PLATOON SERGEANT	13B4O	SFC											Principal NCO of a platoon.
16	CH FIRING BTRY	13B4O	SFC											Firing Btry Elm.
17	TECHNICAL INSPECTOR(SW)	13B4O	SFC											HHC USA SETAF & 5th Spt Cmd.
18	CAREER ADVISOR	13B4O	SFC											U.S. Total Army Personnel Command.
19	OPERATIONS SER-GEANT	13B4O	SFC											1. USA Elm Comb Fld Army ROK/U.S. 2. USA Opn Test and Eval Agency.
20	DETACHMENT SER-GEANT	13B4O	SFC											USA Combat Spt Coord Tm3.
21	FA GUNNERY SER-GEANT	13B4O	SFC											USA Labs.

Notes:

- \* 1. Blank spaces in this column indicate not applicable.
- 2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
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**Table 10–13C–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 3, 4, 5, 6, 7, 8	1. Occasionally lift/lower 313 pounds up/down 5 feet and carry 10 feet as part of a 4 soldier team (prorated at 78.2 pounds per soldier).
2	1, 3, 4, 5, 6, 7, 8	2. Occasionally carry 200 pounds per 25 meters as part of a 4 soldier team (prorated at 50 pounds per soldier).
3	2, 3, 4, 5, 6, 8	3. Occasionally pulls 50 pounds and 20 feet.
4	2, 3, 4, 5, 6, 8	4. Occasionally lift/lower 150 pounds up/down 6 inches as part of a 2 soldier team (prorated at 75 pounds per soldier). 5. Must be able to hear a wide range of human voice tones through the headphones. 6. Frequently reads complex technical manuals. 7. Must possess red/green color discrimination. 8. Must possess finger dexterity in both hands.

**Table 10–13C–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	TAFCS SPECIALIST	13C1O 13C1OY1	PFC	1	2	2	2	2								1. Grades of additional positions will be in same pattern. 2. Units equipped with Advanced Field Artillery Tactical Data System (AFATDS), use with ASI Y1.
2	TAFCS SPECIALIST	13C1O 13C1OY1	SPC		1	2	3									3. Grading pattern will be used for all positions not specifically identified in any other lines.
3	VEHICLE DRIVER	13C1O 13C1OY1	PFC													
4	TAFCS SPECIALIST	13C1O 13C1OY1	PFC													1. Two per FA Cannon Bn Ops Section. 2. Units equipped with Advanced Field Artillery Tactical Data System (AFATDS), use with ASI Y1.
5	TAFCS SPECIALIST	13C1O 13C1OY1	SPC													1. Two per FA Brigade/DIVARTY or higher unit. 2. Units equipped with Advanced Field Artillery Tactical Data System (AFATDS), use with ASI Y1.
6	TAFCS SERGEANT	13C2O	SGT													1. Two per FA Brigade/DIVARTY or higher unit. 2. FA cannon Bn or higher. 3. Units equipped with Advanced Field Artillery Tactical Data System (AFATDS), use with ASI Y1.
7	TAFCS SERGEANT	13C3O 13C3OY1	SSG													FA cannon battalion or higher unit for TAFCS operation. Units equipped with AFATDS, use with ASI Y1.
8	FIRE CONTROL NCO	13C4O 13C4O2S 13C4OY1	SFC													1. Battalion FDC, Cannon Bn. 2. Units equipped with AFATDS, use with ASI Y1.
9	SR FIRE CONTROL SGT	13C4O 13C4O2S 13C4OY1	SFC													1. Operations section, Fire control element of FA Brigade, DIVARTY, Corps Artillery and higher unit. 2. Units equipped with AFATDS, use with ASI Y1.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–13C–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	TAFCS SPECIALIST	13C1O 13C1OY1	PFC	1												1. Grades of additional positions will be in same pattern. 2. Units equipped with Advanced Field Artillery Tactical Data System (AFATDS), use with ASI Y1.
2	TAFCS SPECIALIST	13C1O 13C1OY1	SPC	1	1											3. Grading pattern will be used for all positions not specifically identified in any other lines.
3	TAFCS SERGEANT	13C3O 13C3OY1	SSG													1. Battle Mgt Br, White Sands Missile Range. Second position graded SGT. When equipped with AFATDS, use with ASI Y1. 2. U.S. Army Space Command, Petersen AFB. Second position graded SGT. When equipped with AFATDS, use with ASI Y1.
4	CAREER ADVISOR	13C4O	SFC													FA Br, U.S. Total Army Personnel Command.
5	TEST NCO	13C4OY1	SFC													Test Div #2, C&C Test Div and Auto FS Test Div, USA Op Test and Eval Command.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–13D–1  
Physical requirements**

Skill level	Tasks numbers	Tasks
1	1,2,4,5,6,7,8,9	1. Occasionally lifts/lowers 350 pounds 8 feet as part of a 4 soldier team (prorated at 87.5 pounds per soldier).
2	1,2,4,5,6,7,8,9	2. Occasionally lifts/lowers 313 pounds up/down 5 feet and carries 10 feet as part of a 4 soldier team (prorated at 78½ pounds per soldier).
3	3,4,5,6,7,9	3. Occasionally lifts/lowers 150 pounds 6 inches as part of a 2 soldier team (prorated at 75 pounds per soldier).
4	3,4,5,6,7,9	4. Frequently carries 100 pounds 15 feet as part of a 2 soldier team (prorated at 50 pounds per soldier). 5. Occasionally lifts/lowers and carries 50 pounds 3 feet. 6. Must be able to hear a wide range of human voice tones through headphones. 7. Frequently reads complex technical manuals. 9. Must possess finger dexterity in both hands.

**Table 10–13D–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	FATDS SPECIALIST	13D1O	PFC	1	2	2	2	2								1. Grades of additional positions will be in the same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other lines.
2	FATDS SPECIALIST	13D1O	SPC		1	2	3									
3	FATDS SPECIALIST	13D1O	SPC													Two per FA brigade or higher unit.
4	LIAISON SPECIALIST	13D1O	SPC													MLRS battalion.
5	FIRE CONTROL SGT	13D2O	SGT													MLRS platoon, battery, FA cannon battalion or higher.
6	LIAISON SERGEANT	13D3O	SSG													MLRS battalion.
7	FIRE CONTROL SGT	13D3O	SSG													FA cannon battalion or higher.
8	CHIEF FIRE CONTROL SGT	13D3O	SSG													MLRS battery.
9	CH FIRE CONTROL SGT	13D4O	SFC													FA battalion fire direction center.

**Table 10-13D-2  
Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
10 SR FIRE CONTROL SGT	13D4O	SFC													FA brigade, HHB DIVARTY or higher fire support element (FSE) or operations section.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-13D-3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 FATDS SPECIALIST	13D1O	PFC	1	2	2	2	2								1. Grades of additional positions will be in the same pattern.
2 FATDS SPECIALIST	13D1O	SPC			1	2	3								2. Grading pattern will be used for all positions not specifically identified in any other lines.
3 SR FIRE CONTROL SGT	13D4O	SFC													Combat Support Coordination Team, Korea.

Notes:

<sup>\*</sup> 1. Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-13E-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Frequently lifts 270 pounds 3 feet and carries 10 feet as part of a 3 soldier team (prorated 90 pounds per soldier).
2	1, 2, 3, 4, 5, 6	2. Frequently pulls 100 pounds.
3	1, 2, 3, 4, 5, 6	3. Frequently pushes and pulls 87.5 pounds.
4	4, 5, 6	4. Must be able to hear a wide range of human voice tones through theadphones. 5. Must possess red/green color discrimination. 6. Must possess finger dexterity in both hands.

**Table 10-13E-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 FIRE DIRECTION SP RADIO TELEPHONE OPR	13E1O 13E1OY1	PFC	1	1	2	2									1. Grades of additional positions will be in the same pattern. 2. Units equipped with Advanced Field Artillery Tactical Data System (AFATDS), use with ASI Y1.
2 FIRE DIRECTION SP	13E1O 13E1OY1	SPC	1	1	2	2	2								3. Grading pattern will be used for all positions not specifically identified in any other lines.
3 FIRE DIR COMPUTER	13E2O 13E2OY1	SGT					1								
4 VEHICLE DRIVER	13E1O	PFC													
5 CH FIRE DIR COMPUTER	13E3O 13E3OY1	SSG													Cannon firing battery FDC. Units equipped with AFATDS, use with ASI Y1.

**Table 10-13E-2**  
Standards of grade TOE/MTOE—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
6	ASST CH FIRE DIR COMP	13E3O 13E3OY1	SSG													Cannon battalion FDC. Units equipped with AFATDS, use with ASI Y1.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-13E-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	FIRE DIRECTION SP RADIO TELEPHONE OPR	13E1O 13E1OY1	PFC	1	1	2	2									1. Grades of additional positions will be in the same pattern. 2. Units equipped with Advanced Field Artillery Tactical Data System (AFATDS), use with ASI Y1. 3. Grading pattern will be used for all positions not specifically identified in any other lines.
2	FIRE DIRECTION SP	13E1O 13E1OY1	SPC	1	1	2	2	2								
3	FIRE DIR COMPUTER	13E2O 13E2OY1	SGT					1								
4	CH FIRE DIR COM- PUTER	13E3O 13E3OY1	SSG													Units equipped with AFATDS, use with ASI Y1.
5	ASST CH FIRE DIR COMP	13E3O 13E3OY1	SSG													Units equipped with AFATDS, use with ASI Y1.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-13F-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8	1. Frequently lifts and lowers 70 pounds 3 feet.
2	1, 2, 3, 4, 5, 6, 7, 8	2. Occasionally lifts and lowers 75 pounds and carries 8 feet.
3	1, 2, 3, 4, 5, 6, 7, 8	3. Frequently digs, lifts and shovels 10 pounds scoops of dirt in bent, stooped or kneeling position.
4	1, 2, 3, 4, 5, 6, 7, 8	4. Occasionally performs all other tasks while carrying a minimum of 65 pounds evenly distributed over entire body. 5. Constantly uses binoculars, lasers and other optical sighting devices. 6. Must be able to hear a wide range of human voice tones through headphones. 7. Must possess normal color vision. 8. Must possess finger dexterity in both hands.

**Table 10–13F–2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
1	RADIO TELE OPR	13F1O	PFC	1	1	1	2	3	3	3	4						1. Fire Spt Tm/Sec supporting Infantry, Mech/Abn/Aaslt/Ranger Infantry units. Also operates track vehicle in Mech Inf (pertains to line 2 only).
2	FIRE SPT SP	13F1O	SPC		1	1	1	1	1	1	1						2. Grading pattern will be used for all positions not specifically identified in any other lines.
3	FORWARD OBSERVER	13F2O	SGT			1	1	1	2	3	3						
4	RADIO TELE OPR	13F1O	PFC	1	1	2	2										Tank Co/Cav Trp FIST.
5	FIRE SPT SP	13F1O	SPC		1	1	2										Also operates track vehicle (pertains to line 5 only).
6	FIRE SPT SP	13F1O	SPC			1											1. COLT of DS Bn supporting Abn/AASLT or Infantry units.
7	COLT CHIEF	13F2O	SGT	1	1												2. COLT of DIVARTY, Lt Inf.
8	RADIO TELE OPR	13F1O	PFC	1	1	1											1. COLT of DS FA bn 155 SP.
9	FIRE SPT SP	13F1O	SPC		1	1											2. COLT of DS FA btry ACR.
10	COLT CHIEF	13F2O	SGT			1											
11	FIRE SPT SP	13F1O 13F1OF9	SPC	1	1	2											Fire spt element of Corps or DIVARTY. Units equipped with Advanced Field Artillery Tactical Data System (AFATDS) use with ASI F9.
12	FIRE SPT SGT	13F2O 13F2OF9	SGT		1	1											
13	TARGET PROC SP	13F1O 13F1OF9	PFC		1	1	1	1									Targeting element. Units equipped with AFATDS use with ASI F9.
14	TARGET PROC SP	13F1O 13F1OF9	SPC		1	1	1	2	2								
15	TARGET PROC SP	13F2O 13F2OF9	SGT			1	1	2									
16	VEHICLE DRIVER	13F1O	PFC														
17	FIRE SPT SP	13F1O 13F1OF9	SPC														1. Div/Bde/Regt or Bn/Sqdn Fire Spt Sec/element or Fire Spt Liaison Team. 2. Rear Opns Ctr (ASG), subsequent positions also graded SPC. 3. Units equipped with AFATDS use with ASI F9.
18	FIRE SPT SGT	13F3O 13F3OF9	SSG														1. FIST Supporting Inf, Mech/Abn/AASLT Inf, Tank Co units or Cav Trp. 2. FSE and Cav Trp FIST of DIVARTY, Ranger Bn and Regt. 3. Fire Spt Sec supporting Bde/Regt or maneuver Bn/Sqdn. 4. Rear Tac Opns Ctr (TAACOM/ASG). Grades one position per shift. 5. TAACOM Asg/Corps RAOC. 6. G3, Hvy Div. 7. Div Rear Cp Opns Cell. 8. Nuc Wpn Ln element, Arty Whn Spt Gp. 9. Fire Spt Tm Hq Ranger Bn. 10. Units equipped with AFATDS use with ASI F9.
19	TARGETING NCO	13F3O 13F3OF9 13F3OX3	SSG														Targeting element or processing sect. Units equipped with AFATDS use with ASI F9.
20	TARGETING NCO	13F4O 13F4OF9	SFC														1. Targeting Element, FA Bde. 2. Corps Tgt Acq Det. 3. Battlefield Coord Element. 4. Units equipped with AFATDS use with ASI F9.
21	FIRE SPT SGT	13F4O 13F4OF9 13F4OQ8 13F4OX3 13F4O2S	SFC														1. FSE, Liaison and Fire Spt Secs DIVARTY, Ranger Bn and Regt. 2. Mvr Bde/Regt Fire Spt Sec/Element, Mvr Bn/Sqdn Fire Spt Sec, and Liaison Sec FA Bn/Bde. 3. FSE, Liaison Sec, and Atk Hel Fire Spt Sec, G3/Plans/Operations, Corps Arty. 4. Fire Spt Tm Hq, Ranger Bn. 5. G3, ARFOR Staff. 6. Opns/Intel Sec, Div RAOC,/Corps Rear Cp Opns Cell. 7. Positions will be identified with ASI Q8 in units where technical expertise in tactical air operations is required. 8. Units equipped with AFATDS use with ASI F9. 9. Use ASI 2S as appropriate.

**Table 10-13F-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
22	AERIAL FIRE SPT NCO	13F4F 13F4FF9	SFC												Div Arty HHB. Units equipped with AFATDS use with ASI F9.

Notes:

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- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-13F-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	FIRE SPT SP	13F1O 13F1OF9	SPC	1	1	2									1. Support of fire support training. Units equipped with Advanced Field Artillery Tactical Data System (AFATDS) use with ASI F9.
2	FIRE SPT SGT	13F2O 13F2OF9	SGT	1	1	2	2								2. Grading pattern will be used for all positions not specifically identified in any other lines.
3	FIRE SPT SGT	13F3O 13F3OF9	SSG												1. Ft Plt, USA Intel Ctr and Ft Huachuca. 2. Ops Div, USA Tng Spt Acty Korea. 3. USA Avn Ctr. 4. Units equipped with AFATDS use with ASI F9.
4	FIRE SPT SGT	13F4O 13F4OF9	SFC												1. USA Equip Eval Acty. 2. HHC 7th USA Tng Cmd. 3. USA Btl Cmd Tng Prog. 4. USA Mat Sys Anal Acty. 5. Units equipped with AFATDS use with ASI F9.
5	FIRE SPT INTERACTOR	13F4OF9	SFC												Operation of Army Tng Battle Simulation System.
6	CAREER ADVISOR	13F4O	SFC												Field Artillery Branch, PERSCOM.
7	FIRE SPT TRAINER	13F4O 13F4OF9	SFC												Div RTD. Units equipped with AFATDS use with ASI F9.

Notes:

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- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-13M-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Frequently lifts 30 pounds 1 foot.
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts 45 pounds 5 feet and carries 25feet.
3	4, 5, 6	3. Occasionally pushes and pulls 45 pounds 2 feet.
4	4, 5, 6	4. Visually inspects equipment for serviceability. 5. Must be able to hear a wide range of human voicetones. 6. Must possess red/green color discrimination.

**Table 10–13M–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	MLRS AMMO SP	13M1O	PFC		1	1	1	2	2	3	3	4	4	4	1. Grades of additional positions will be in the same pattern. 2. Ammunition section of MLRS firing battery. 3. Grading pattern will be used for all positions not specifically identified in any other lines.
2	MLRS AMMO SPEC	13M1O	SPC		1	1	2	2	2	3	3	4	4	5	
3	ASST SEC CH	13M2O	SGT				1	1	1	1	1	1	1	1	
4	SPLL DVR	13M1O	SPC		1	1									Firing section of MLRS firing battery.
5	GUNNER	13M2O	SGT		1										
6	VEHICLE DRIVER	13M1O	PFC												
7	RADIO OP	13M1O	SPC												Firing platoon Hq as radio operator, light vehicle driver and MLRS equipment maintainer.
8	RECON SGT	13M2O	SGT												Firing platoon Hq as recon sgt and MLRS equipment maintainer.
9	ASST AMMO SGT	13M2O	SGT												MLRS Ammo Platoon. Second and third position graded SGT.
10	SEC CH	13M3O	SSG												MLRS firing section, ammunition platoon or Ammo Section.
11	OPS SGT/ MASTER GNR	13M4O	SFC												Ops Sec, FA Bde with MLRS Bn.
12	PLATOON SGT	13M4O	SFC												MLRS firing platoon, ammunition or support platoon.

Notes:

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- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–13M–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	MLRS AMMO SP	13M1O	PFC		1	1	1	2	2	3	3	4	4	4	1. Grades of additional positions will be in the same pattern. 2. Ammunition section of MLRS firing battery. 3. Grading pattern will be used for all positions not specifically identified in any other lines.
2	MLRS AMMO SPEC	13M1O	SPC		1	1	2	2	2	3	3	4	4	5	
3	ASST SEC CH	13M2O	SGT				1	1	1	1	1	1	1	1	
4	SPLL DVR	13M1O	SPC		1	1									Firing section of MLRS firing battery.
5	GUNNER	13M2O	SGT		1										
6	SEC CH	13M3O	SSG												
7	PLATOON SGT	13M4O	SFC												
8	CAREER ADVISOR	13M4O	SFC												Field Artillery Branch, PERSCOM.

Notes:

- \*Blank spaces in this column indicate not applicable.
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- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–13P–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts/lower and carry 50 pounds 3 feet.
2	1, 2, 3, 4, 5	2. Frequently carry 100 pounds 15 feet as part of a 2 soldier team (prorated at 50 pounds per soldier).
3	2, 3, 4, 5	3. Occasionally lifts/lowers 350 pounds 8 feet as part of a 4 soldier team (prorated at 87.5 pounds per soldier).
4	3, 4, 5	4. Must possess red/green color discrimination.

**Table 10-13P-1  
Physical requirements—Continued**

Skill level	Task numbers	Tasks
		5. Must possess finger dexterity in both hands.

**Table 10-13P-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	FIRE DIRECTION SP	13P1O 13P1OY1	SPC			1	1	2	3							1. MLRS Bn FDC. Units equipped with Advanced Field Artillery Tactical Data System (AFATDS) use with ASI Y1. 2. Grading pattern will be used for all positions not specifically identified in any other lines.
2	BATTERY DISPLAY OPR	13P2O 13P2OY1	SGT	1	1	1	2	2	2							
3	FIRE DIR COMPUTER	13P3O 13P3OY1	SSG	1	1	1	1	1	1							
4	FIRE DIRECTION SP	13P1O 13P1OY1	SPC			1	2	3	4	5						MLRS Btry FDC. Units equipped with AFATDS use with ASI Y1.
5	BATTERY DISPLAY OPR	13P2O 13P2OY1	SGT	1	1	1	1	1	1	1	1					
6	FIRE DIR COMPUTER	13P3O 13P3OY1	SSG	1	1	1	1	1	1	1						
7	FIRE DIRECTION SP	13P1O 13P1OY1	PFC			1										1. MLRS Firing Platoon Hq. Units equipped with AFATDS use with ASI Y1. 2. Units equipped with AFATDS, use with ASI Y1.
8	FIRE DIRECTION SP	13P1O 13P1OY1	SPC	1	1											
9	BATTERY DISPLAY OPR	13P2O 13P2OY1	SGT	1	1	1										
10	LIAISON SPECIALIST	13P1O 13P1OY1	SPC	1												1. Liaison section. 2. MLRS Bn. 3. Units equipped with AFATDS use with ASI Y1.
11	LIAISON SERGEANT	13P3O 13P3OY1	SSG	1	1											
12	VEHICLE DRIVER	13P1O	PFC													
13	CH FIRE DIR COMPUTER	13P4O 13P4OY1	SFC													1. MLRS Bn. Units equipped with AFATDS use with ASI Y1. 2. Ops Sec, Corps artillery.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-13P-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	FIRE DIRECTION SP	13P1O 13P1OY1	PFC	1												1. Grades of additional positions will be in same pattern. 2. Units equipped with Advanced Field Artillery Tactical Data System, use with ASI Y1.
2	FIRE DIRECTION SP	13P1O 13P1OY1	SPC	1	1											
3	OPERATIONS SERGEANT	13P4O	SFC													HHC, USAG, Ft Lewis. Second position graded SSG, titled Asst Operations Sgt.

**Table 10-13P-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
4 TEST NCO	13P4OY1	SFC													Auto FS Test Div, USA Op Test and Eval Command.

Notes:

<sup>1</sup> Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-13R-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 3, 4, 5	1. Frequently lifts 120 pounds up/down 16 inches as part of a 4 soldier team (prorated at 30 pounds per soldier).
2	1, 3, 4, 5	2. Frequently pushes 120 pounds 16 feet as part of a 4 soldier team (prorated at 30 pounds per soldier).
3	2, 4, 5	3. Frequently pulls 200 pounds and carries 25 feet as part of a 4 soldier team (prorated at 50 pounds per soldier).
4	3, 4	4. Must possess normal color vision. 5. Must possess finger dexterity in both hands.

**Table 10-13R-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 FF RADAR OPERATOR	13R1O	PFC		1	1	1	2								
2 FF RADAR OPERATOR	13R1O	SPC		1	1	1	1	1							
3 SR FF RADAR OPERATOR	13R2O	SGT			1	1	1								
4 SECTION CHIEF	13R3O	SSG				1	1								
5 FF RADAR OPERATOR	13R1O	PFC		1	1	2	2	3	3	3	3				1. Counter-battery radar section, AN/TPQ-37.
6 FF RADAR OPERATOR	13R1O	SPC		1	1	1	1	2	2	3	3	3			2. Grading pattern will be used for all positions not specifically identified in any other lines.
7 SR FF RADAR OPERATOR	13R2O	SGT			1	1	1	1	1	1	2				
8 SECTION CHIEF	13R3O	SSG								1	1				
9 VEHICLE DRIVER	13R1O	PFC													
10 PLATOON SERGEANT	13R4O	SFC													1. Radar platoon. 2. Tgt acq plt hq, light, abn, ASSLT and SIB (105mm) DS FA Bn (Active Component and USAR only). 3. Tgt acq plt hq, HHB FA Bn, 155 SP, Sep Bde (Active Component and USAR only).
11 SR FA TARGETING NCO	13R4O	SFC													Hvy DIVARTY Tgt Proc Sec/ Corps target acquisition detachment.

Notes:

1. \*Blank spaces in this column indicate not applicable.

2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–13R–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	FF RADAR OPR	13R1O	PFC					1	2	2						Q-37 Section, USAFAS.
2	FF RADAR OPR	13R1O	SPC	1	1	1	1	1	1	2						
3	SR FF RADAR OPR	13R2O	SGT	1	1	1	1	1								
4	SECTION CHIEF	13R3O	SSG		1	1	1	1								

Notes:

- \*Blank spaces in this column indicate not applicable.
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- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–13Z–1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2, 3	<ol style="list-style-type: none"> <li>Occasionally lifts 60 pounds and carries 3 feet.</li> <li>Occasionally pushes and pulls 100 pounds 10 feet.</li> <li>Must possess red/green color discrimination.</li> </ol>

**Table 10–13Z–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory Notes
1	OP SGT	13Z5O 13Z5O2S 13Z5OQ8	MSG	<ol style="list-style-type: none"> <li>FA cannon, rocket, or missile battalion.</li> <li>Division artillery fire support element.</li> <li>Corps Artillery Fire Support Element</li> </ol>
2	INTEL SGT	13Z5O 13Z5O2S	MSG	<ol style="list-style-type: none"> <li>FA cannon, rocket, or missile battalion.</li> <li>Division artillery, FA brigade, or corps artillery intelligence section.</li> </ol>
3	FIRST SERGEANT	13Z5M	1SG	Principal NCO of FA cannon, rocket, missile, and target acquisition battery.
4	OPERATIONS SGM	13Z5O 13Z5O2S 13Z5OQ8	SGM	<ol style="list-style-type: none"> <li>Operations section, FA Brigade, Division Artillery, Corps Artillery.</li> <li>Fire Support Element, Division Artillery and Corps Artillery.</li> </ol>

Notes:

- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–13Z–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory Notes
1	OP SGT	13Z5O 13Z5O2S 13Z5OQ8	MSG	<ol style="list-style-type: none"> <li>FA cannon, rocket, or missile battalion.</li> <li>Division artillery fire support element.</li> <li>Corps artillery fire support element.</li> </ol>
2	INTEL SGT	13Z5O 13Z5O2S	MSG	<ol style="list-style-type: none"> <li>FA cannon, rocket, or missile battalion.</li> <li>Division artillery, FA brigade, or corps artillery intelligence section.</li> </ol>
3	SENIOR CAREER ADVISOR	13Z5O	MSG	Field Artillery Branch, PERSCOM.
4	FIRST SERGEANT	13Z5M	1SG	Principal NCO of FA cannon, rocket, missile, and target acquisition battery.

**Table 10-13Z-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory Notes
5	OPERATIONS SGM	13Z5O 13Z5O2S 13Z5OQ8	SGM	1. Operations section of FA brigade, division artillery, corps artillery. 2. Fire support element of division artillery and Corps artillery. 3. Battle Lab and Organization Pers Svc, USAFAS.

Notes:

<sup>1</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-14D-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts and lowers 250 pounds 5 feet as part of a 3 soldier team (prorated at 83.3 pounds per soldiers).
2	1, 2, 3, 4, 5	2. Frequently pulls 190 pounds 100 yards as part of a 3 soldiers team (prorated at 63.3 pounds per soldier).
3	1, 2, 5	3. Frequently pushes 150 pounds 180 degrees as part of a 3 soldier team (prorated at 50 pounds per soldier). 4. Frequently lifts and lowers 50 pounds 4 feet and carries 5 to 300 feet. 5. Frequently climbs and descends 12 feet.

**Table 10-14D-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	HAWK msl hndlr/dvr	14D1O	PFC	1	1	1	2	2	2						S4 Missile Resupply Sec, HHB, ADA HAWK Bn.
2	HAWK msl hndlr/dvr	14D1O	SPC	1	1	1	2	2	2	2					
3	HAWK sr mh/trm ldr	14D2O	SGT		1	1	1	2	2						
4	Msl resupply sec ldr	14D3O	SSG							1					
5	HAWK asst fc opr	14D1O	PFC		1	1	1	1	2						HAWK Fire Control Section, ADA HAWK Bn.
6	HAWK fc opr	14D1O	SPC	1	1	1	2	2	2	2					
7	HAWK sr fc opr	14D2O	SGT	1	1	1	1	2	2						
8	HAWK fc sec ldr	14D3O	SSG					1	1	1					
9	HAWK asst lchr cmbr	14D1O	PFC		1	1	1	1	2	2					HAWK Firing Section, ADA HAWK Btry.
10	HAWK lchr cmbr	14D1O	SPC	1	1	1	1	2	2	2	2				
11	Loader/opr cmbr	14D1O	SPC			1	1	1	1	1					
12	HAWK sr lchr cmbr	14D2O	SGT	1	1	1	1	2	2	2					
13	HAWK lchr fc ldr	14D3O	SSG							1					
14	HAWK asst lchr cmbr	14D1O	PFC		1	1	1	1	2	2					HAWK Firing Section, ADA HAWK Bn.
15	HAWK lchr cmbr	14D1O	SPC	1	1	1	2	2	2	2	2				
16	Loader/opr cmbr	14D1O	SPC					1	1	1					
17	HAWK sr lchr cmbr	14D2O	SGT	1	1	1	2	2	2	2					
18	HAWK lchr fc ldr	14D3O	SSG							1					

**Table 10-14D-2**  
Standards of grade TOE/MTOE—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
19	HAWK asst fc opr	14D1O	PFC			1	1	1	2	2	2				HAWK Fire Control Section, ADA HAWK Btry.
20	HAWK fc opr	14D1O	SPC	1	1	1	1	2	2	2	3				
21	HAWK sr fc opr	14D2O	SGT	1	1	1	1	1	1	1					
22	HAWK fc sec ldr	14D3O	SSG			1	1	1	1	1					
23	HAWK fc sec supv	14D4O	SFC							1	1				
24	ALB specialist	14D1O	SPC	1	1	2	2	3	4						Brigade Air Land Battle Management Operations Center/Tactical Operations Center, ADA Bde, Hvy, Corps.
25	ALB ch teller rm ldr	14D2O	SGT	1	1	2	2	2							
26	HAWK MCS specialist	14D1O	SPC	1	1	2									1. Tactical Operations Center, HHB, ADCOM, TA. 2. ADA Element (CRC), HHB, ADA Bde.
27	HAWK MCS sergeant	14D2O	SGT	1	1										
28	HAWK fc opr	14D1O	SPC	1	1	1									Radar Section, HHB, ADA HAWK Bn.
29	HAWK sr fc opr	14D2O	SGT	1	1										
30	HAWK fc sec ch	14D3O	SSG			1									
31	Light vehicle driver	14D1O	PFC												See para 9-3a(2)(c).
32	HAWK operations sp	14D1O	SPC												1. AD Coord Element, HHB, ADCOM TA. 2. OP and Intel, and Bde ABMOC Section, HHB, ADA Bde, Hvy, Corps and Army. 3. S2/S3 Section, HHB, ADA HAWK Bn.
33	HAWK engage sim opr	14D1O	SPC												Electronics Section, HHB, ADA HAWK Bn.
34	HAWK operations sgt	14D2O	SGT												1. Operations and Intelligence Sections, HHB, ADA Bde, Hvy, Corps and Army. 2. GS Plans Section, HHB, ADCOM TA.
35	HAWK intelligence sgt	14D2O	SGT												1. Operations and Intelligence Section, HHB, ADA Bde, Hvy, Corps and Army. 2. Weapons Systems Replacement Section, HHB, ADCOM TA.
36	ALB operations sgt	14D2O	SGT												Corps ADA Element Section, HHB, ADA Bde, Army.
37	ALB operations sgt	14D4O	SFC												1. Air Defense Coord Element, and Tactical Operations Section, HHB, ADCOM, TA. 2. TA ADA Element, HHB, ADA Bde, Army. 3. S2/S3 Section, HHB, ADA HAWK Bn.
38	Platoon sergeant	14D4O	SFC												Assault Fire Platoon Hqs, ADA HAWK Btry.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-14D-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	HAWK ASST FC OPR	14D1O	PFC			1	1	1	2	2	2				1. AD Command and Control Project Br, USAWSMR. 2. HAWK Div, USAOMMCS.
2	HAWK FC OPR	14D1O	SPC	1	1	1	1	2	2	2	3				
3	HAWK SR FC OPR	14D2O	SGT	1	1	1	1	1	1	1					
4	HAWK FC SEC LDR	14D3O	SSG			1	1	1	1	1					
5	HAWK FC SEC SUPV	14D4O	SFC							1	1				
6	HAWK TEST SGT	14D3O	SSG			1	2	3							HIMAD Br, TEXCOM.
7	HAWK SR TEST SGT	14D4O	SFC	1	1	1	1	1							

**Table 10–14D–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
8	HAWK MSL TECH ANALYST	14D3O	SSG	1	2	3	4									System Coordination Br, USAADASCH.
9	HAWK MSL SR TECH ANALYST	14D4O	SFC	1	1	1	1	1								
10	HAWK LCHR CRMBR	14D1O	SPC													Test Equip Section, USAADASCH.
11	HAWK MSL PLOTTER	14D1O	SPC													Operations and Plotting Section, USAADA Range Command.
12	AD SIM CREW CH	14D3O	SSG													ADATS Btry, USAADASCH.
13	AD SIM MECH	14D3O	SSG													Sys Inst Div, USAADASCH.
14	HAWK FC SME	14D3O	SSG													HIMAD Br, USAADASCH.
15	HAWK OPERATIONS SGT	14D4O	SFC													Data Acquisition Section, OPTEC.
16	MSL TECH ANALYST	14D4O	SFC													Sys Coord Br, USAADASCH.
17	MSL EVAL SGT	14D4O	SFC													Int Eval Br, USAADASCH.
18	PLATOON SERGEANT	14D4O	SFC													1. Hq and Btry and Co, USAADA Tng Ctr. 2. AD Command and Control Projects Br, USAWSMR.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–14E–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts and carries 87 pounds as part of a 2 soldier team (prorated 43.5 pounds per soldier).
2	1, 2, 3, 4, 5	2. Occasionally lifts and carries 40 pounds.
3	5	3. Occasionally pushes and pulls 100 pounds as part of a 4 soldier team (prorated 25 pounds per soldier).
4	5	4. Occasionally climbs five feet.
5	5	5. Must possess finger dexterity in both hands.

**Table 10–14E–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	FORCE OPS CRMBR	14E1O	PFC					1	1							Grades of additional positions will be in same pattern.
2	FORCE OPS CRMBR	14E1O	SPC	1	1	1	2	2	2							
3	FORCE OPS NCO	14E2O	SGT		1	2	2	2	2							
4	FORCE OPS SHFT LDR	14E3O	SSG						1							

**Table 10-14E-2**  
Standards of grade TOE/MTOE—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
5	ENGAGEMENT CONTROLLER	14E1O	PFC			1	1	1	2	3						1. Grades of additional positions will be in same pattern. 2. Fire Distribution Section, PATRIOT Bn.
6	ENGAGEMENT CONTROLLER	14E1O	SPC	1	1	1	1	2	2	2						
7	ENGAGEMENT CTRL SH LDR	14E2O	SGT	1	1	1	1	1	1							
8	ENGAGEMENT CTRL TM LDR	14E3O	SSG			1	1	1	1							
9	ENGAGEMENT CONTROLLER	14E1O	PFC	1	1	1	1	1	1	2						1. Grades of additional positions will be in same pattern. 2. Fire Control Section, ADA Btry, ADA Bn.
10	ENGAGEMENT CONTROLLER	14E1O	SPC	1	1	1	1	2	3	3	3					
11	SR ENGAGEMENT CTRL	14E2O	SGT		1	1	1	1	1	1						
12	ENGAGEMENT CTRL TM LDR	14E3O	SSG			1	1	1	2	2						
13	SUPPORT TEAM CREWMEMBER	14E1O	SPC	1	1	2	2	3	3	4	4	5	5			Sys Maint Section, Maintenance Platoon, PATRIOT Btry, ADA Bn.
14	SUPPORT TEAM LEADER	14E2O	SGT	1	1	2	2	3	3	4	4	5				
15	SYS EVAL ASSISTANT	14E1O	PFC	1	1	2										Grades of additional positions will be in same pattern.
16	SYSTEM EVALUATOR	14E1O	SPC	1	1	1	1									
17	SYS EVAL TM LDR	14E2O	SGT		1	1										
18	VEHICLE DRIVER	14E1O	PFC													
19	ASST OPERATIONS SGT	14E3O	SSG													S2/S3 Section, ADA Bn (PATRIOT).
20	SECTION CHIEF	14E4O	SFC													Fire Distribution Section, ADA Bde/Bn.
21	PLATOON SERGEANT	14E4O	SFC													Principal NCO in a platoon.
22	DETACHMENT SERGEANT	14E4O	SFC													Principal NCO in a detachment less than 75 soldiers.
23	SYSTEM MASTER EVAL	14E5O	MSG													1. S2/S3 Section, ADA Bn (PATRIOT). 2. Tech Maint Staff Section, HHB ADA Bde. 3. Support Ops Sec, ADA Bde (EAC).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-14E-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	FC OPERATOR	14E1O	PFC	1	1	1	1	1								1. Grades of additional positions will be in same pattern.
2	FC OPERATOR	14E1O	SPC	1	1	1	1	2	2							2. Fire Control and Radar Section, USAADASCH. 3. Grading pattern will be used for all positions not specifically identified in any other line.
3	SR FC OPERATOR	14E2O	SGT		1	2	2	2								
4	FC SHIFT LDR	14E3O	SSG							1						

**Table 10-14E-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
5	SYS EVAL ASST	14E1O	PFC	1	1	1										Grades of additional positions will be in same pattern.
6	SYS EVALUATOR	14E1O	SPC	1	1	1	2									
7	SYS EVAL TM LDR	14E2O	SGT			1	1									
8	SUPPORT TEAM CRMBR	14E1O	SPC	1	1	2	2	3	3	4	4	5	5			Support Sections and/or System Maint Section.
9	SUPPORT TEAM LEADER	14E2O	SGT	1	1	2	2	3	3	4	4	5				
10	SYSTEMS ANALYST	14E3O	SSG													Battalion Motor (BMO), USAADASCH.
11	TNG SYS/EVAL NCO	14E4O	SFC													1. Battalion Maintenance Office, USAADASCH. 2. Security Assistance Training Team. Subsequent positions also graded SFC. 3. Support Eq Section, U.S. Army Missile Command HQ. 4. DCS Ops & Plans, USA Space and Strategic Defense Command.
12	SYSTEM EVAL SEC LDR	14E4O	SFC													1. USAADACENFB: a. Validation Branch. b. Log Eval/Asst Br. 2. PAT Div, U.S. Army Missile Command Hq. 3. S2/S3, USAADASCH.
13	SR CAREER ADVISOR	14E4O	SFC													ADA Branch, U.S. Total Army Personnel Cmd (PERSCOM).
14	PLATOON SERGEANT	14E4O	SFC													Principal NCO in a platoon.
15	DETACHMENT SER-GEANT	14E4O	SFC													Principal NCO in a detachment.
16	SYS MASTER EVAL	14E5O	MSG													1. USAADASCH: a. Tng Dev Section. b. PAT System Maint Section (second position also graded MSG). c. S2/S3. 2. Security Assistance Training Team. 3. HI Acquisition and Logistics Air Defense Project Br, WSMR. 4. Theater Msl Def Br, USA WSMR.
17	FIRST SERGEANT	14E5M	1SG													Principal NCO in a battery/ company/troop.

Notes:

- \*Blank spaces in this column indicate not applicable.
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- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-14J-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts 96.5 pounds 20 inches as part of a 2 soldier team (prorated at 48.3 pounds per soldier).
2	1, 2, 3, 4, 5	2. Occasionally lifts 220 pounds 2 feet as part of a 2 soldier team (prorated at 110 pounds per soldier).
3	1, 2, 3, 5	3. Occasionally lifts 93 pounds 2 feet and carries 20 feet as part of a 2 soldier team (prorated at 46.5 pounds per soldier).
4	1, 2, 3, 5	4. Occasionally raises and carries 160 pounds person on back. 5. Frequently performs all other task while carrying a minimum of 65 pounds, evenly distributed over entire body.

**Table 10–14J–2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	EWS OPERATOR SENSOR/C4I OPERATOR	14J10	PFC	1	1	2	2	3								1. Grades of additional positions will be in same pattern. 2. SHORAD Control System (MSCS) teams/sections. (Team leaders graded by line 19 & 20). 3. ADA Coord Section, ADA Bn.
2	EWS OPERATOR SENSOR/C4I OPERATOR	14J10	SPC	1	1	2	2	3	3							
3	EWS OPERATOR	14J10	SPC	1	2	3	3	4	4	5	6	7	8			Odd numbered (1st, 3rd, 5th, etc) Sensor Teams/sections.
4	SECTION CHIEF	14J30	SSG				1	1	2	2	2	2	2			
5	EWS OPERATOR	14J10	PFC	1	2	3	3	4	4	5	6	7	8			Even numbered (2nd, 4th, 6th, etc) Sensor Teams/sections..
6	TEAM CHIEF	14J20	SGT				1	1	2	2	2	2	2			
7	EWS OPERATOR	14J10	PFC		1	1	2	2	3	3	3	4	4			1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
8	EWS OPERATOR	14J10	SPC	1	1	1	1	2	2	2	3	3	4			3. Air Battle Management Operations Center (ABMOC) Section, ADA Tac Ops. 4. Fire Distribution and Fire Direction Section, HHB ADA Bde. 5. Battery Hq, ADA Btry
9	SR EWS OPERATOR	14J20	SGT			1	1	1	1	2	2	2	2			
10	ENGAGEMENT CONTROLLER	14J10	SPC		1	1	1	1	2							1. Grades of additional positions will be in same pattern. 2. JTAGS Section, JTAGS Detachment.
11	ENGAGEMENT CTRL SH LDR	14J20	SGT	1	1	1	1	2	2							
12	ENGAGEMENT CTRL TM LDR	14J30	SSG			1	2	2	2							
13	TEAM CHIEF	14J20	SGT	1	1	2	2	3								1. Grades of additional positions will be in same pattern and graded cumulative at section level. 2. MSCS Section, HHB ADA Bn.
14	SECTION LEADER	14J30	SSG	1	1	2	2	3	3							
15	ASST LIAISON SGT	14J20	SGT	1	1	2	2	3								1. Grades of additional positions will be in same pattern. 2. ADA Coord Section, ADA Bn.
16	LIAISON SERGEANT	14J30	SSG	1	1	2	2	3	3							
17	VEHICLE DRIVER	14J10	PFC													
18	OPERATIONS ASSISTANT	14J10	SPC													1. HHB, ADA Bn: a. S2/S3 Section. b. ADA Coord Section. c. DAME ADA Section. d. Electronics Section. 2. Air and Battle Management 3. Hq, ADA Bde: a. ADA Element (CRC). b. ADA Coord Section. c. Corps ADA Element. d. OP/Intel Section. e. S2/S3 Section. f. Tactical Operations Section g. TA ADA Element. h. Fire Direction Section.
19	TEAM LEADER	14J10	SPC													Odd numbered (1st, 3rd, 5th, etc) MSCS teams/Early Warning Section.
20	TEAM LEADER	14J20	SGT													Even numbered (2nd, 4th, 6th, etc) MSCS teams/Early Warning Section.
21	ASST OPERATIONS SGT	14J20	SGT													1. JTAGS Section. 2. Corps ADA Element. 3. Fire Distribution Section, ADA Bde, HHB.
22	LIAISON SERGEANT	14J20	SGT													ADA Element, Avn Bde, Gp or Regt.
23	SECTION CHIEF	14J20	SGT													ADA Coord Section, HHB, ADA Bn, Hvy Div. Subsequent positions also graded SGT.

**Table 10-14J-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
24	SECTION CHIEF	14J30	SSG												Principal NCO in: 1. ADA Btry ACR. a. Fire Control Section. b. Firing Section. c. Early Warning Section. 2. Brigade FDS, (HIMAD), ADA Bde Army (AOE). 3. ADA Aug, Inf Div.
25	ASST OPERATIONS SGT	14J30	SSG												1. HHB, ADA Bn. a. ADA Tac Ops Section. b. ADA Coord Section. c. DAME ADA Section. d. Air Battle Mgmt Ops Ctr (ABMOC). 2. HHB, ADA Bde. a. Ops/Intel Section. b. ADA Tac Ops Section. c. ADA Coord Section. d. Fire Direction/Distribution Section. e. ADA Element (CRC). 3. ADA Coord Section, Tac Ops.
26	OPERATIONS SER-GEANT	14J30	SSG												JTAGS Section.
27	ASST OPERATIONS SGT	14J40	SFC												1. Corps ADA Element, ADA Bde. Subsequent positions also graded SFC. 2. S2/S3 Section, HHB ADA Bn. 3. TA ADA Element. 4. TAC Ops Section. Subsequent positions also graded SFC.
28	OPERATIONS SER-GEANT	14J40	SFC												1. HHB ADA Bn. a. ADA Tac Ops Section. b. ADA Coord Section. Second position may be graded SFC. c. Air Battle Management Ops Center (ABMOC). d. Division Airspace Management Element (DAME) ADA Section. e. S2/S3 Section (when MSG is not authorized). 3. HHB ADA Bde: a. S2/S3 Section. b. Fire Distribution Section. c. Fire Direction Section. d. Ops/Intel Section. e. ADA Element (CRC). Second position will be graded SFC also. 4. TA Army, ACofS G3. 5. Air Defense Section, Battlefield Coordination Detachment. Second position also graded SFC.
29	SYSTEMS EVALUATOR	14J40	SFC												Hq Section, JTAGS Detachment.
30	PLATOON SERGEANT	14J40	SFC												Principal NCO in a platoon.
31	DETACHMENT SER-GEANT	14J40	SFC												Principal NCO in a detachment.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–14J–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	EWS OPERATOR SENSOR/C4I OPERATOR	14J10	PFC	1	1	2	2	3								1. Grades of additional positions will be in same pattern. 2. Manual SHORAD Control System (MSCS) teams. 3. Sensor teams. 4. See lines 10-11 for grading of team leaders for MSCS and Sensor teams.
2	EWS OPERATOR SENSOR/C4I OPERATOR	14J10	SPC	1	1	2	2	3	3							
3	EWS OPERATOR	14J10	PFC	1	1	2	2	3	3	3	4	4				1. Grades of additional positions will be in same pattern. 2. Sensor Test Section.
4	EWS OPERATOR	14J10	SPC	1	1	1	1	2	2	2	3	3	4			3. Grading pattern will be used for all positions not specifically identified in any other line.
5	SR EWS OPERATOR	14J20	SGT		1	1	1	1	2	2	2	2				
6	ENGAGEMENT CONTROLLER	14J10	SPC	1	1	1										1. Grades of additional positions will be in same pattern. 2. JTAGS Detachment.
7	ENGAGEMENT CTRL SH LDR	14J20	SGT	1	1											
8	ENGAGEMENT CTRL TM LDR	14J30	SSG		1											
9	VEHICLE DRIVER	14J10	PFC													
10	TEAM LEADER	14J10	SPC													Odd numbered (1st, 3rd, 5th, etc) MSCS and Sensor teams.
11	TEAM LEADER	14J20	SGT													Even numbered (2nd, 4th, 6th, etc) MSCS and Sensor teams.
12	ADA C2 SYS OPER	14J20	SGT													1. Battle Management Br, WSMR. 2. Liaison-TACC (7th AF), USAADA Liaison Team-Korea. 3. Subsequent positions also graded SGT.
13	EWS OPERATIONS SGT	14J30	SSG													1. C&C Project Branch. 2. Sensor Test Sec, USAADASCH. Second position also graded SSG.
14	ADSI STA OPERATOR	14J30	SSG													Active Defense Sec, USA Space Command. Subsequent position also graded SSG.
15	LIAISON NCO	14J40	SFC													Liaison-TACC (7TH AF), USAADA Liaison Team-Korea.
16	OPERATIONS SERGEANT	14J40	SFC													1. Security Assistance Training Team. 2. DCS Ops & Plns, US Army Space & Strategic Defense Command. 3. JTAGS Detachment HQs.
17	PLATOON SERGEANT	14J40	SFC													Principal NCO in a platoon.
18	DETACHMENT SERGEANT	14J40	SFC													1. Principal NCO in a detachment with less than 75 soldiers. 2. JTAGS Detachment Hq.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–14L–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 6	1. Occasionally lifts, lowers and carries 250 pounds as part of a 3 soldier team (prorated at 83.3 pounds per soldier).
2	5, 6	2. Frequently lifts, lowers 3 feet, and carries 80 pounds 125 feet.
3	5, 6	3. Occasionally pushes and pulls 100 pounds.
4	5	4. Occasionally lifts 65 pounds and climbs 4 1/2 feet. 5. Occasionally climbs 4 1/2 feet. 6. Must possess finger dexterity in both hands.

**Table 10–14L–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	Radar opr/maintainer	14L1O	PFC	1	1	1	2									1. Grades of additional positions will be in same pattern. 2. Odd numbered (1st, 3rd, 5th, etc) HAWK Radar Teams.
2	Radar opr/maintainer	14L1O	SPC	1	1	1	2	2								
3	Team leader	14L2O	SGT		1	1	1									
4	Radar opr/maintainer	14L1O	PFC	1	1	1	2									1. Grades of additional positions will be in same pattern. 2. Even numbered (2nd, 4th, 6th, etc) HAWK Radar Teams.
5	Radar opr/maintainer	14L1O	SPC	1	1	1	2	2								
6	Team leader	14L3O	SSG		1	1	1									
7	Vehicle driver	14L1O	PFC													
8	Radar opr/maintainer	14L1O	SPC													1. Radar Sec, ADA Bn (HAWK). 2. ORF Sec, Ord Maint Co (DS) (HAWK).
9	Ops center/maint supv	14L4O	SFC													1. HHB, ADA Bde: a. Fire Direction Sec. b. Fire Distribution Sec. 2. Weapon Sys Repl Sec, HHB, ADCOM.
10	Platoon sergeant	14L4O	SFC													Principal NCO in a platoon.
11	Detachment sergeant	14L4O	SFC													Principal NCO in a detachment less than 75 soldiers.

Notes:

<sup>1</sup> Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–14L–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	Radar opr/maintainer	14L1O	PFC	1	1	1										Grades of additional positions will be in same pattern.
2	Radar opr/maintainer	14L1O	SPC	1	1	1	1									
3	Sr radar opr/maint	14L2O	SGT		1	1										
4	Team leader	14L3O	SSG		1											
5	Vehicle driver	14L1O	PFC													
6	Platoon sergeant	14L4O	SFC													Principal NCO in a platoon.
7	Detachment sergeant	14L4O	SFC													Principal NCO in a detachment.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–14M–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 6	1. Occasionally lifts, lowers and carries 250 pounds as part of a three soldier team (prorated at 83.3 pounds per soldier).
2	5, 6	2. Frequently lifts, lowers 3 feet, and carries 80 pounds 125 feet.
3	5, 6	3. Occasionally pushes and pulls 100 pounds.
4	5	4. Occasionally lifts 65 pounds and climbs 4 1/2 feet.
5	5	5. Occasionally climbs 4 1/2 feet.

**Table 10–14M–1  
Physical requirements—Continued**

Skill level	Task numbers	Tasks
		6. Must possess finger dexterity in both hands.

**Table 10–14M–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	SFV crew member	14M1O	PFC	1	1	1										1. Grades of additional positions will be in same pattern. 2. As the crew on Stinger Fighting Vehicles (SFV). 3. Squad leader graded per line 27.
2	SFV crew member/dvr	14M1O	SPC	1	1	1	2									
3	SFV gunner	14M2O	SGT			1	1									
4	MANPADS crew member	14M1O	PFC	1												1. Grades of additional positions will be in same pattern. 2. Odd numbered (1st, 3rd, 5th, etc) MANPADS teams.
5	MANPADS team ldr	14M1O	SPC	1	1											
6	MANPADS crew member	14M1O	SPC	1												1. Grades of additional positions will be in same pattern. 2. Even numbered (2nd, 4th, 6th, etc) MANPADS teams.
7	MANPADS team ldr	14M2O	SGT	1	1											
8	MANPADS crew member	14M1O	PFC	1	1	2	2	3								1. Grades of additional positions will be in same pattern. 2. Ground Acft Observer Sec, ADA Bn. 3. VULCAN Sqds, ADA Btry.
9	MANPADS crew member	14M1O	SPC	1	1	2	2	3	3							
10	Ammunition handler	14M1O	PFC	1	1	1	2	2	3	3	4	4	4			1. Grades of additional positions will be in same pattern. 2. Ammunition Teams/Sections.
11	Ammunition handler	14M1O	SPC	1	1	1	2	2	3	3	4	4				
12	Ammunition team ldr	14M2O	SGT			1	1	1	1	1	1	1	2			
13	Asst plotter	14M1O	PFC	1	1	2	2									1. Grades of additional positions will be in same pattern. 2. On Plotter/Teller Teams.
14	Plotter	14M1O	SPC	1	1	2	2	3								
15	Teller	14M1O	SPC	1	1	2	2	3								1. Grades of additional positions will be in same pattern. 2. On Plotter/Teller Teams.
16	Chief teller	14M2O	SGT	1	1	2	2									
17	Asst liaison sgt	14M2O	SGT	1	1	2	2	3								1. Grades of additional positions will be in same pattern. 2. ADA Btry: a. Btry Hq Sec. b. ADA Coord Sec. c. MSC Line Team.
18	Liaison sergeant	14M3O	SSG	1	1	2	2	3	3							3. ADA Bn: a. ADA Tac Ops Sec. b. ADA Coord Sec. c. ABMOC Sec. d. MSC Line Team. e. S2/S3 Sec.
19	Vehicle driver	14M1O	PFC													
20	Radio telephone oper	14M1O	PFC													
21	Track vehicle driver	14M1O	SPC													
22	Operations assistant	14M1O	SPC													1. ADA Coord Sec, ADA Btry. 2. Subsequent positions also graded SPC.
23	DAME ops specialist	14M1O	SPC													ADA Coord Sec, ADA Bn.
24	AD coord specialist	14M1O	SPC													HHB, ADA Bn: a. S2/S3 Sec. b. ADA Coord Sec. c. ABMOC Sec.
25	Section leader	14M3O	SSG													Principal NCO in a section.

**Table 10–14M–2  
Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
26 Asst operations sgt	14M3O	SSG													1. HHB, ADA Bn: a. ADA Tac Ops Sec. b. ADA Coord Sec. Subsequent positions also graded SSG. c. S2/S3 Sec. d. ABMOC Sec. 2. ADA Btry: a. Btry Hq Sec. b. ADA Coord Sec.
27 Squad leader	14M3O	SSG													1. Principal NCO on a SFV when a Plt Ldr or Plt SGT is not present. 2. Principal NCO in a squad.
28 Operations sergeant	14M4O	SFC													1. HHB, ADA Bn: a. S2/S3 Sec. b. ADA Tac Ops Sec. c. ADA Coord Sec. d. ABMOC Sec. 2. ADA Btry: a. Btry Hq Sec. b. ADA Coord Sec. 3. A2C2 Branch, HHC, Army Service Comp Cmd. 4. Hq, AASLT Div: a. Fire Spt Cell. b. G3 Section. 5. G3/Tactical CP Sec, HHC, Hvy Div. 6. G3/Tactical CP Sec, HHC, Inf Div.
29 Platoon sergeant	14M4O	SFC													Principal NCO in a platoon.
30 Detachment sergeant	14M4O	SFC													Principal NCO in a detachment with less than 75 soldiers.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–14M–3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 SFV crewmember	14M1O	PFC	1	1	1										1. Grades of additional positions will be in same pattern. 2. Crew on Stinger Fighting Vehicles (SFV).
2 SFV crewmember	14M1O	SPC	1	1	1	2									
3 SFV gunner	14M2O	SGT			1	1									
4 MANPADS crewmember	14M1O	PFC		1											1. Grades of additional positions will be in same pattern. 2. Odd numbered (1st, 3rd, 5th, etc) MANPADS teams.
5 MANPADS team ldr	14M1O	SPC	1	1											
6 MANPADS crewmember	14M1O	SPC		1											1. Grades of additional positions will be in same pattern. 2. Even numbered (2nd, 4th, 6th, etc) MANPADS teams.
7 MANPADS team ldr	14M2O	SGT	1	1											
8 Vehicle driver	14M1O	PFC													
9 Radio telephone opr	14M1O	PFC													
10 Track vehicle driver	14M1O	SPC													
11 Operations assistant	14M1O	SPC													Operations assistant in sections where knowledge of MANPADS or STINGER is required.
12 Section chief	14M3O	SSG													Principal NCO in a section.
13 Squad leader	14M3O	SSG													1. Principal NCO on a SFV when a Plt Ldr or Plt Sgt is not present. 2. Principal NCO in a squad.

**Table 10-14M-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
14	Operations sergeant	14M4O	SFC													1. ADA Tng Sec, NG ACT. 2. NGHQ, STARC, VA.
15	ADA NCO	14M4O	SFC													USAE Iceland Def, Rhode Island NG.
16	Platoon sergeant	14M4O	SFC													Principal NCO in a platoon.
17	Detachment sergeant	14M4O	SFC													Principal NCO in a detachment.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-14R-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts and lowers 148 pounds 3 feet as part of a four soldier team (prorated at 37 pounds per soldier).
2	1, 2, 3, 4, 5	
3	2, 3, 4	2. Occasionally pushes 148 pounds 3 feet as part of a two soldier team (prorated at 74 pounds per soldier).
4	2, 3, 4	3. Occasionally carries 148 pounds 10 feet as part of a three soldier team (prorated at 49 pounds per soldier). 4. Occasionally pulls 148 pounds as part of a three soldier team (prorated at 49 pounds per soldier). 5. Occasionally climbs 10 feet.

**Table 10-14R-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	BRADLEY LNBKR CRMBR	14R1O	PFC	1	1	1										1. Grades of additional positions will be in same pattern. 2. Squads with Bradley Linebacker (M113/M2/M3/M6). 3. ADA Btry. 4. Linebacker Platoon HQs.
2	BRADLEY LNBKR CRMBR	14R1O	SPC	1	1	1	2									
3	BRADLEY LNBKR SR GNR	14R2O	SGT			1	1									
4	AMMUNITION HAND- LER	14R1O	PFC	1	1	1										1. Grades of additional positions will be in same pattern. 2. Ammunition teams. 3. Battery Hq.
5	AMMUNITION HAND- LER	14R1O	SPC	1	1	1	2									
6	AMMUNITION TEAM LDR	14R2O	SGT			1	1									
7	SPT SEC CRMBR	14R1O	PFC	1	1	1										1. Grades of additional positions will be in same pattern. 2. Support/Maint Sections.
8	SPT SEC CRMBR	14R1O	SPC	1	1	1	2									
9	SPT SEC TEAM LDR	14R2O	SGT			1	1									
10	VEHICLE DRIVER	14R1O	PFC													
11	TRACK VEHICLE DRIVER	14R1O	SPC													
12	MASTER GUNNER	14R3O	SSG													Btry Hq Section of ADA Btry equipped with Bradley Linebacker.

**Table 10–14R–2  
Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
13 SQUAD LEADER	14R30	SSG												Principal NCO on Bradley Linebacker when a Plt Ldr or Plt Sgt is not present.
14 MASTER GUNNER	14R40	SFC												1. ADA Bn, Hvy Div. 2. S2/S3 ADA Bn.
15 OPERATIONS SER-GEANT	14R40	SFC												Weapons Sys Repl Section, HHB, ADCOM.
16 SECTION CHIEF	14R40	SFC												1. Base Sys Maint Section, ADA Btry. 2. Tech Maint Staff Section, HHB ADA Bde.
17 PLATOON SERGEANT	14R40	SFC												Principal NCO in a platoon.
18 DETACHMENT SER-GEANT	14R40	SFC												Principal NCO in a detachment with less than 75 soldiers.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–14R–3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
1 BRADLEY LNBKR CRMBR	14R10	PFC			1	1	1							1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line. 3. Branch/sections with Bradley LineBacker.
2 BRADLEY LNBKR CRMBR	14R10	SPC			1	1	1	2						
3 BRADLEY LNBKR SR GNR	14R20	SGT					1	1						
4 SPT SEC CRMBR	14R10	PFC			1	1	1							1. Grades of additional positions will be in same pattern. 2. Support/Maint Sections.
5 SPT SEC CRMBR	14R10	SPC			1	1	1	2						3. System Support Branch, Ft Hood.
6 SPT SEC TEAM LDR	14R20	SGT					1	1						
7 VEHICLE DRIVER	14R10	PFC												
8 TRACK VEHICLE DRIVER	14R10	SPC												
9 SQUAD LEADER	14R30	SSG												Principal NCO on Bradley LineBacker when a Plt Ldr or Plt SGT is not present.
10 SECTION CHIEF	14R30	SSG												Principal NCO in a section.
11 ASST OPERATIONS SGT	14R30	SSG												HQ Branch, USAADCEN Range Command. Second position graded SGT.
12 SR BRADLEY LNBKR NCO	14R30	SSG												USAADACENFB: a. Hq Br. b. Forward Support Battalion, Tank Combat Rep.
13 BN CS NCO	14R30	SSG												Bde TAF Team, JRTC Ops Gp.
14 ADA NCO	14R40	SFC												1. USA National Training Center (NTC): a. Bde Cbt Tnr. b. Mech Task Force Cbt Tnr. c. Armor TF Cbt Tnr. d. LT TF Cbt Tnr. 2. Div SI, USAG, Ft Stewart.
15 SECTION CHIEF	14R40	SFC												1. Arm Prod Ctrl Section, USA ACALA. 2. Hq, USA RC Spt.
16 MASTER GUNNER	14R40	SFC												MPCR Br, USAADCEN Range Command.
17 PLATOON SERGEANT	14R40	SFC												Principal NCO in a platoon.

**Table 10-14R-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
18	DETACHMENT SER-GEANT	14R4O	SFC													Principal NCO in a detachment.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-14S-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Frequently lifts and lowers 50 pounds 3 feet.
2	1, 2, 3, 4	2. Frequently carries 50 pounds 164 feet.
3	1, 2, 3, 4	3. Frequently pushes and pulls 50 pounds 2 feet. 4. Frequently climbs 6 feet.

**Table 10-14S-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	AVENGER CREWMEMBER	14S1O	PFC				1	1	1							1. Grades of additional positions will be in same pattern and graded cumulative at section level. 2. AVENGER Sqds/Teams/Plts.
2	AVENGER CREWMEMBER	14S1O	SPC		1	1	1	1	1	2						
3	TEAM LEADER	14S2O	SGT		1	1	1	1	1	2	2					
4	SQUAD LEADER	14S3O	SSG			1	1	1	1							
5	MANPADS CREWMEMBER	14S1O	PFC			1										1. Grades of additional positions will be in same pattern. 2. Odd numbered (1st, 3rd, 5th, etc) MANPADS and missile teams.
6	TEAM LEADER	14S1O	SPC		1	1										
7	MANPADS CREWMEMBER	14S1O	SPC			1										1. Grades of additional positions will be in same pattern. 2. Even numbered (2nd, 4th, 6th, etc) MANPADS and missile teams.
8	TEAM LEADER	14S2O	SGT		1	1										
9	MANPADS CREWMEMBER	14S1O	PFC		1	1	2	2	3							1. Grades of additional positions will be in same pattern and applied to cumulative positions at section level. 2. Ground Acft Observer Section, ADA Bn,LID.
10	MANPADS CREWMEMBER	14S1O	SPC		1	1	2	2	3	3						
11	AMMUNITION HANDLER	14S1O	PFC		1	1	1	2	2	3	3	4	4	4		Grades of additional positions will be in same pattern and applied to cumulative positions at section level.
12	AMMUNITION HANDLER	14S1O	SPC			1	1	1	2	2	3	3	4	4		
13	AMMUNITION TEAM LDR	14S2O	SGT				1	1	1	1	1	1	1	1	2	

**Table 10-14S-2**  
Standards of grade TOE/MTOE—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
14	ASST LIAISON SGT	14S2O	SGT		1	1	2	2	3							1. Grades of additional positions will be in same pattern and applied to cumulative positions at section level.
15	LIAISON SERGEANT	14S3O	SSG		1	1	2	2	3	3						2. ADA Battery: a. ADA Coord Sec. b. Battery Hq. c. BSFV Platoon Hq, ADA Bn, Hvy Div.
16	VEHICLE DRIVER	14S1O	PFC													
17	OPERATIONS ASSIST-ANT	14S1O	SPC													ADA Coord Section, ADA Btry.
20	SECTION LEADER	14S3O	SSG													Principal NCO in a section.
21	ASST OPERATIONS SGT	14S3O	SSG													ADA Battery: a. ADA Coord Section. b. Battery HQ.
22	SQUAD LEADER	14S3O	SSG													Principal NCO in a squad.
23	OPERATIONS SER-GEANT	14S4O	SFC													1. ADA Btry: a. Battery Hq. b. ADA Coord Section. 2. Hq, Air Assault Div: a. Fire Spt Cell. b. G3 Section. 3. G3/Tactical CP Section, HHC, Hvy Div. 4. G3/Tactical CP Section, HHC, Inf Div.
24	PLATOON SERGEANT	14S4O	SFC													Principal NCO in a platoon.
25	DETACHMENT SER-GEANT	14S4O	SFC													Principal NCO in a detachment with less than 75 soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-14S-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	AVENGER CREWMEMBER	14S1O	PFC				1	1	1							1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	AVENGER CREWMEMBER	14S1O	SPC		1	1	1	1	2							3. AVENGER Sqds/Teams. 4. SHORAD Project Branch WSMR.
3	TEAM LEADER	14S2O	SGT		1	1	1	1	2	2						5. USADASCH.
4	SQUAD LEADER	14S3O	SSG			1	1	1	1							
5	MANPADS CREWMEMBER	14S1O	PFC		1											1. Grades of additional positions will be in same pattern and applied cumulative to positions at section level. 2. Odd numbered (1st, 3rd, 5th, etc) MANPADS teams.
6	TEAM LEADER	14S1O	SPC		1	1										
7	MANPADS CREWMEMBER	14S1O	SPC		1											1. Grades of additional positions will be in same pattern and applied cumulative to positions at section level. 2. Even numbered (2nd, 4th, 6th, etc) MANPADS teams.
8	TEAM LEADER	14S2O	SGT		1	1										
9	VEHICLE DRIVER	14S1O	PFC													
10	SECTION CHIEF	14S3O	SSG													Principal NCO in a section.
11	SQUAD LEADER	14S3O	SSG													1. Principal NCO in a squad. 2. Avenger platoon, USADACENFB.

**Table 10-14S-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
12	OPERATIONS SER-GEANT	14S4O	SFC													1. Short-Range AD Project Br, National Prog Br, WSMR. 2. Museum Section, USAADASCH. 3. Basic Air Target (BAT) System Br USAADCEN Range Command.
13	SHORAD NCO	14S4O	SFC													1. Ops Plotting Br, USA ADA Ctr. 2. Section Asst Tng Team. Subsequent positions also graded SFC.
14	PLATOON SERGEANT	14S4O	SFC													Principal NCO in a platoon.
15	DETACHMENT SER-GEANT	14S4O	SFC													Principal NCO in a detachment.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-14T-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2	1. Occasionally lifts and carries 80 pounds 5 feet aspart of a 4 soldier team (prorated at 20 pounds).
2	1, 2	2. Occasionally lifts 21 pounds 60 feet.
3	N/A	
4	N/A	

**Table 10-14T-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	MISSILE HNDLR/DVR	14T1O	PFC			1	1	1	2	2	2	3	3			1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	MISSILE HNDLR/DVR	14T1O	SPC	1	1	1	2	2	2	3	3	3	4			
3	SR MISSILE HNDLR/DVR	14T2O	SGT		1	1	1	2	2	2	3	3	3			
4	LAUNCHER CREW-MEMBER	14T1O	PFC		1	1	1	2	2							1. Grades of additional positions will be in same pattern. 2. Launching Section, ADA Btry (PATRIOT), ADA Bn.
5	LAUNCHER CREW-MEMBER	14T1O	SPC		1	1	1	2	2	2						
6	ASST LAUNCHER SEC CH	14T2O	SGT			1	1	1	1							
7	LAUNCHER SEC CHIEF	14T3O	SSG						1							
8	SPT SEC CREWMEMBER	14T1O	SPC		1	1	2	2	3	3	4	4	5	5		1. Grades of additional positions will be in same pattern. 2. ADA Btry (PATRIOT), ADA Bn: a. Support Section. b. Sys Maint Section.
9	SPT SEC TEAM LEADER	14T2O	SGT		1	1	2	2	3	3	4	4	5			
10	VEHICLE DRIVER	14T1O	PFC													
11	OPERATIONS ASSISTANT	14T1O	SPC													HQB, AAMDC: a. Fire Direction Section. b. Tac Ops Section. c. HQB USAADACENFB.

**Table 10-14T-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
12	ASST OPERATIONS SGT	14T3O	SSG													DCSOPS ADA Plans, USAREUR & 7th Army.
13	OPERATIONS SER-GEANT	14T4O	SFC													DCSOPS ADA Plans, USAREUR & 7th Army.
14	PLATOON SERGEANT	14T4O	SFC													Principal NCO in a platoon.
15	DETACHMENT SER-GEANT	14T4O	SFC													Principal NCO in a detachment with less than 75 soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-14T-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	MISSILE HNDLR/DVR	14T1O	PFC			1	1	1	2	2	2	3	3			1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	MISSILE HNDLR/DVR	14T1O	SPC	1	1	1	2	2	2	3	3	3	4			
3	SR MSL HNDLR/DVR	14T2O	SGT		1	1	1	2	2	2	3	3	3			
4	LAUNCHER CREW-MEMBER	14T1O	PFC		1	1	1	2	2							1. Grades of additional positions will be in same pattern. 2. Launching Sections.
5	LAUNCHER CREW-MEMBER	14T1O	SPC		1	1	1	2	2	2						
6	ASST LCHR SEC CH	14T2O	SGT			1	1	1	1							
7	LAUNCHER SEC CH	14T3O	SSG						1							
8	SPT SEC CRMBR	14T1O	SPC		1	1	2	2	3	3	4	4	5	5		1. Grades of additional positions will be in same pattern. 2. Support Sections and or Sys Maint Sections.
9	SPT SEC TM LDR	14T2O	SGT		1	1	2	2	3	3	4	4	5			
10	VEHICLE DRIVER	14T1O	PFC													
11	SR MSL HNDLR	14T2O	SGT													Materiel Test Dir, USA WSMR.
12	ASST OPERATIONS SGT	14T3O	SSG													1. IMS Det, USAADACENFB. 2. Ops Plotting Br, USAADACENFB. 3. PATRIOT Div, USA, MICOM. 4. ETTC Br, USAE EUCOM.
13	CMD CTR SGT	14T3O	SSG													ETTC Br, USAE EUCOM.
14	OPERATIONS SER-GEANT	14T4O	SFC													1. WSMR: a. Materiel Test Div. b. RAM Manprint Div. 2. Ofc of Dir of Opns, USAE Land Central Europe. 3. P&O Div, USAADACENFB. 4. Hq (J3), EUCOM. 5. Security Assistance Training Team. Subsequent positions also grade SFC.
15	ADA TNG COORDINATOR	14T4O	SFC													PATRIOT Div, USA Missile Cmd.
16	MISSILE SERGEANT	14T4O	SFC													1. PAT System Maintenance Section, USAADASCHCENFB. 2. Missile Br, USAE Land Central Europe. 3. JTAMS, USAE Joint Test Activity.
17	PLATOON SERGEANT	14T4O	SFC													Principal NCO in a platoon.

**Table 10-14T-3**  
Standards of grade TDA—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
18	DETACHMENT SER-GEANT	14T4O	SFC													Principal NCO in a detachment.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-14Z-1**  
Physical requirements

Skill level	Task numbers	Tasks
5	1, 2	<ol style="list-style-type: none"> <li>1. Occasionally lifts 50 pounds 6 feet and carries 33 feet.</li> <li>2. Occasionally pushes and pulls 60 pounds 3 feet.</li> </ol>

**Table 10-14Z-2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Explanatory notes
1	OPERATIONS SERGEANT	14Z5O 14Z5O2S	MSG	<ol style="list-style-type: none"> <li>1. HHB, ADA Bn.               <ol style="list-style-type: none"> <li>a. S2/S3 Section.</li> <li>b. Air Battle Mgt Ops Ctr.</li> </ol> </li> <li>2. HHB, ADA Bde.               <ol style="list-style-type: none"> <li>a. TA ADA Element.</li> <li>b. Corps ADA Element</li> <li>c. ADA Tac Ops Section.</li> <li>d. ADA Coord Section.</li> <li>e. Op/Intel Section.</li> </ol> </li> <li>3. HHB, AAMDC.               <ol style="list-style-type: none"> <li>a. Hq Commandant Section.</li> <li>b. G3 Plans Section.</li> <li>c. FD Section (MSC).</li> <li>d. Weapon Sys Repl Section.</li> <li>e. AD Coord Element.</li> <li>f. Tac Ops Section.</li> <li>g. G3 Div ADA Branch, Army Service Component Command (ASCC)</li> </ol> </li> </ol>
2	INTELLIGENCE SERGEANT	14Z5O2S	MSG	S2/S3 Section, ADA Bn.
3	HAWK SYS MASTER MECH	14Z5O	MSG	Sys Tech Staff Section, ADA Bde, (Reserve Component MTOE only).
4	FIRST SERGEANT	14Z5M	1SG	Principal NCO in a battery/company/troop.
5	INTELLIGENCE SERGEANT	14Z5O 14Z5O2S	SGM	<ol style="list-style-type: none"> <li>1. HHB, ADA Bde.               <ol style="list-style-type: none"> <li>a. Op/Intel Section.</li> <li>b. S2/S3 Section.</li> </ol> </li> <li>2. G2 Section, HHB, ADCOM.</li> <li>3. G2 Section, HHB AAMDC.</li> <li>4. G3 Div, ADA Branch ASCC.</li> </ol>
6	OPERATIONS SERGEANT	14Z5O 14Z5O2S	SGM	<ol style="list-style-type: none"> <li>1. S2/S3 Section, ADA Bn (PATRIOT).</li> <li>2. HHB, ADA Bde.               <ol style="list-style-type: none"> <li>a. Op/Intel Section. Second position graded MSG.</li> <li>b. S2/S3 Section.</li> <li>c. G3 Section, HHB, ADCOM.</li> <li>d. G3 Section, HHB Army Air and Missile Defense Command (AAMDC).</li> <li>e. TA ADA Branch.</li> <li>f. U.S. Army Space Command, Force Projection Toc.</li> </ol> </li> </ol>

Notes:

- <sup>1</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- <sup>2</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-14Z-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	OPERATIONS SERGEANT	14Z5O	MSG	1. Ln-USFK EUSA AD Section, USA ADA Liaison Team-Korea. 2. VAFB Field Ofc, USA Space Stra Def Cmd. 3. Field Office and P&O Div WSMR. 4. Fire Section, USAADACENFB. 5. Field Office White Sands, Hq U.S. Army Missile Command. 6. P&O Div, USAADACENFB.
2	INTELLIGENCE SERGEANT	14Z5O	MSG	USAADACENFB: a. Deployment Div. b. Fire Section.
3	AD SYSTEMS ADVISOR	14Z5O	MSG	1. Cbt Eval Div, USA Mat Sys Analysis. 2. Validation Branch, USAADASCH Msl Cmd Field Office.
4	SR CAREER ADVISOR	14Z5O	MSG	ADA Branch, PERSCOM.
5	FIRST SERGEANT	14Z5M	1SG	Principal NCO in a battery/company/troop.
6	SENIOR ADA SERGEANT	14Z5O	SGM	1. Materiel Test Dir, WSMR. 2. EUSA ADA Cmd & Ctrl Section, USA ADA Liaison Team-Korea. 3. Force Projection TOC, U.S. Army Space Command.

Notes:

<sup>1</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-16P-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Occasionally lifts and lowers 75 pounds.
2	1, 2, 3	2. Occasionally pushes and pulls 70 pounds.
3	1, 2, 3	3. Visually identifies aircraft at a distance of one mile.
4	3	

**Table 10-16P-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	Ammo handler/driver	16P1O	PFC	1												1. Plt Hqs Sec, ADA Btry, CHAPARRAL(SP)/STINGER.
2	Ammo handler/driver	16P1O	SPC	1	1											2. Plt Hqs Sec, ADA Btry, ADA Bn, CHAPARRAL (SP), Corps.
3	CHAPARRAL asst gnr	16P1O	PFC	1	1	1										CHAPARRAL Squad, ADA Btry CHAPARRAL (SP)/STINGER, and HHB CHAPARRAL Bn, Corps.
4	Track vehicle driver	16P1O	SPC	1	1	1	1									
5	CHAPARRAL sr gnr	16P2O	SGT		1	1										
6	CHAPARRAL sqd ldr	16P3O	SSG			1										
7	CHAP ABMOC plotter	16P1O	PFC	1	1	2	3	4	5	6	6	6				1. ABMOC, HHB, CHAPARRAL Corps.
8	CHAP ABMOC spc	16P1O	SPC	1	1	1	1	1	1	1	1	1	1	1	1	2. ADA TAC Op Sec, HHB, ADA Bn, CHAPARRAL/STINGER, EAC.
9	CHAP ABMOC ch teller	16P2O	SGT		1	1	1	1	1	1	1	1	1	1	1	
10	CHAP ABMOC asst op sgt	16P3O	SSG								1	1				
11	CHAP ABMOC op sgt	16P4O	SFC											1		
12	Vehicle driver RTO Track veh driver	16P1O	PFC													

**Table 10–16P–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
13	Track vehicle driver	16P1O	SPC												1. Btry and Plt Hq Sec, ADA Btry, CHAPARRAL (SP)/STINGER. 2. Btry and Plt Hq Sec, HHB, ADA Bn, CHAPARRAL Corps. 3. S2/S3 Sec, HHB, ADA Bn, CHAPARRAL/VULCAN (SP). 4. S2/S3 Sec, HHB, ADA Bn CHAPARRAL (SP) Corps.
14	CHAPARRAL specialist	16P1O	SPC												S2/S3, and AD Coord Sec, HHB of: a. ADA Bn, CHAPARRAL (SP), Corps. b. CHAPARRAL/STINGER (EAC). c. CHAPARRAL SP/VULCAN T.
15	ADA TAC op teller	16P1O	SPC												ADA TAC Op Sec, HHB, ADA Bn CHAPARRAL/STINGER, EAC.
16	CHAP ABMOC asst op sgt	16P4O	SFC												Bde ABMOC, HHB, ADA Bde, Hvy or Light Corps. Serves as assistant to principal NCO position 16Z50.
17	CHAP asst op sgt	16P4O	SFC												S2/S3 Sec, HHB, ADA Bn, CHAPARRAL/VULCAN (SP). Serves as assistant to principal NCO position 16Z50.
18	Platoon sergeant	16P4O	SFC												CHAPARRAL Plt Hq Sec, ADA Btry, CHAPARRAL (SP)/STINGER, and HHB, ADA Bn Corps CHAPARRAL (SP).

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19	Ground acft observer	16P1O	SPC												Target Acquisition Sec, HHB, ADA Bn, CHAPARRAL, Corps.
20	Section chief	16P3O	SSG												Target Acquisition Sec, HHB, ADA Bn, CHAPARRAL, Corps.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–16P–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	CHAPARRAL asst gnr	16P1O	PFC	1	1	1									SHORAD Project Branch, White Sands Missile Range.
2	Track vehicle driver	16P1O	SPC	1	1	1	1								
3	CHAPARRAL sr gnr	16P2O	SGT			1	1								
4	CHAPARRAL sqd ldr	16P3O	SSG				1								
5	CHAP ad sim crmbr	16P1O	SPC	1	1	2	2	3							Air Defense Treat Simulator Branch, ADATS Btry, USAADAS-CH.
6	CHAP ad sim crmbr	16P2O	SGT			1	1	2	2						
7	Vehicle driver RTO Track veh driver	16P1O	PFC												
8	Track vehicle driver	16P1O	SPC												CHAPARRAL Plt Hq Sec, USAADASCH.
9	CHAP ABMOC msl crmbr	16P1O	SPC												Op Sec, White Sands Missile Range.
10	CHAP proj op sgt	16P2O	SGT												Unit Tng Br, USAADASCH.
11	CHAP msl crmbr	16P2O	SGT												Op Sec, White Sands Missile Range.
12	Range sgt	16P2O	SGT												SHORAD Branch, USAADASCH, Range Command.
13	CHAP proj op sgt	16P3O	SSG												Admin and Op Br, USAADASCH.
14	CHAP msl intel sgt	16P4O	SFC												S2/S3 Sec, and HHB, Instructor Bn, U.S. Army Training Center.

**Table 10-16P-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
15	CHAP msl op sgt	16P4O	SFC												1. USAADASCH: a. Plans, Op, Threat, Weapons, FAADS, SAM, Command and Control, Tech Op, and BATS Br. b. Special Proj, Threat and Admin and Op Div. c. CHAPARRAL Sec, and Hq Btry. 2. Principal NCO, SHORAD Proj Br, U.S. Army White Sands Missile Range.
16	CHAP tng mgmt sgt	16P4O	SFC												Tng Mgmt Dev Br, Reserve Component Support, Group 5.
17	CHAP msl sgt	16P4O	SFC												BATS Br, ADA Sec, Reserve Component Support, Group 2.
18	Plans insp/tng sgt	16P4O	SFC												Inspector General Office, USAADASCH.
19	CHAP sr tng sgt	16P4O	SFC												Individual and Unit Tng and SHORAD Branch, S2/S3 Section, and NCO Academy, USAADASCH.
20	Range supervisor	16P4O	SFC												SHORAD Branch, USAADASCH, Range Command.
21	CHAP sr tng sgt	16P4O	SFC												Command and Control Branch, USAADASCH (use with SQI 2 for identification of writer position).
22	CHAP proj op sgt	16P4O	SFC												Unit Tng Br, USAADASCH.
23	Security supervisor	16P4O	SFC												Admin and Op, USAADASCH.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-18B-1  
Physical requirements**

Skill level	Task numbers	Tasks
3	1, 2, 3, 4, 5, 6, 7, 8, 9	1. Frequently visually identifies vehicles, equipment and individuals at a long distance.
4	1, 2, 3, 4, 5, 6, 7, 8, 9	2. Occasionally raises and carries 160 pounds person on back. 3. Frequently performs all other tasks while carrying 65 pounds evenly distributed over entire body. 4. Frequently digs, lifts and shovels 21 pounds scoops of dirt in bent, stooped or kneeling position. 5. Frequently gives and receives oral commands in outdoor area from distance of 50 meters. 6. Frequently walks, crawls, runs, and climbs over varying terrain for a distance of up to 25 miles. 7. Frequently runs for short distances. 8. Frequently walks at a brisk pace 4 out of 6 hours while carrying 26 pounds. 9. Frequently throws 1 pound object up to 40 meters.

**Table 10-18B-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	WEAPONS NCO	18B30Q8 18B3OW3 18B3OW7 18B3OW8	SSG	1. S3 Sec in HHC of SF Gp (Abn). 2. Ops Det A (ODA) Tm in SF Co of SF Bn. a. Positions coded with ASI Q8, W3, W7, and/or W8. b. All positions will be coded with SQI V.
2	AIR OPERATIONS NCO	18B3O	SSG	S3 Sec in HHC of CA Bn (GS).
3	ASST OPERATIONS NCO	18B3O 18B3OQ8	SSG	S3 Sec in: a. C Det of SF Bn (Abn). b. HHC of CA Bn (GS). c. B Det of SF Bn (Abn).

**Table 10-18B-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Explanatory notes
4	SENIOR WEAPONS NCO	18B4O 18B4OS6 18B4OW7 18B4OW8	SFC	ODA Tm in SF Co of SF Bn. Positions may be coded with ASI S6, W7 and/or W8.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-18B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	INSTRUCTOR/WRITER	18B3O 18B3OW3 18B3OW7 18B3OW8	SSG									1	2	2	3	1. Grades of additional positions will in same pattern 2. USA CA Tng Ctr. 3. USA Sch of the Americas.
2	INSTRUCTOR/WRITER	18B4O 18B4OW3 18B4OW7 18B4OW8	SFC	1	2	3	4	5	6	6	6	7	7			
3	INSTRUCTOR/WRITER	18B3O	SSG													1. Inst Long Range Recon Patrol Sch (ILRRPS) in USA CA Tng Ctr. Second position also graded SSG. 2. Sp Ops Det of USA Sch of the Americas. Second position also graded SSG.
4	ASST OPS NCO	18B3O	SSG													Thtr Br of USA SF Cmd.
5	OPERATIONS SGT	18B4O	SFC													1. Plans & Ops Div of USA SF Ctr. 2. HHC in 1st Bn of 1st Sp Warfare Tng Gp (Abn) of USAJFKSWCS. 3. Ops/Plns & Tng Dir of SOCACOM. 4. HHC in USA SF Fld Ops Elm. Second position will be graded SSG.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-18C-1  
Physical requirements**

Skill level	Task numbers	Tasks
3	1, 2, 3, 4, 5, 6, 7, 8, 9	1. Frequently visually identifies vehicles, equipment and individuals at a long distance.
4	1, 2, 3, 4, 5, 6, 7, 8, 9	2. Occasionally raises and carries 160 pounds person on back. 3. Frequently performs all other tasks while carrying 65 pounds evenly distributed over entire body. 4. Frequently digs, lifts and shovels 21 pounds scoops of dirt in bent, stooped or kneeling position. 5. Frequently gives and receives oral commands in outdoor area from distance of 50 meters. 6. Frequently walks, crawls, runs, and climbs over varying terrain for a distance of up to 25 miles. 7. Frequently runs for short distances. 8. Frequently walks at a brisk pace 4 out of 6 hours while carrying 26 pounds. 9. Frequently throws 1 pound object up to 40 meters.

**Table 10–18C–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	ASST OPERATIONS NCO	18C3OW3	SSG	S3 Sec in HHC of SF Gp.
2	ENGINEER NCO	18C3O 18C3OQ8 18C3OW3 18C3OW7	SSG	1. Engr Sec of SG Gp (Abn). 2. Ops Det A (ODA) Tm in SF Co of SF Bn (Abn). Position will be coded with ASI W3, W7 and/or W8. 3. DS Tm of CA Co (DS).
3	MARINE EQUIPMENT REP	18C3OW7	SSG	1. Co Hq in Spt Co of SF Bn. 2. Position will be coded with ASI W7.
4	SENIOR ENGINEER NCO	18C4O 18C4OW7 18C4OW8	SFC	ODA Tm in SF Co of SF Bn (Abn).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–18C–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	INSTRUCTOR/WRITER	18C3O 18C3OW7 18C3OW8	SSG						1	1	2	3	4	Grades of additional positions will be graded in same pattern.
2	INSTRUCTOR/WRITER	18C4O 18C4OW7 18C4OW8	SFC	1	2	3	4	5	5	6	6	6	6	
3	SAFETY NCO	18C4OW7	SFC											Water Ops Sec in Co C of USAJFKSWCS.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–18D–1  
Physical requirements**

Skill level	Task numbers	Tasks
3	1, 2, 3, 4, 5, 6, 7, 8, 9	1. Frequently visually identifies vehicles, equipment and individuals at a long distance.
4	1, 2, 3, 4, 5, 6, 7, 8, 9	2. Occasionally raises and carries 160 pounds person on back. 3. Frequently performs all other tasks while carrying 65 pounds evenly distributed over entire body. 4. Frequently digs, lifts and shovels 21 pounds scoops of dirt in bent, stooped or kneeling position. 5. Frequently gives and receives oral commands in outdoor area from distance of 50 meters. 6. Frequently walks, crawls, runs, and climbs over varying terrain for a distance of up to 25 miles. 7. Frequently runs for short distances. 8. Frequently walks at a brisk pace 4 out of 6 hours while carrying 26 pounds. 9. Frequently throws 1 pound object up to 40 meters.

**Table 10–18D–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	MEDICAL NCO	18D3O 18D3OQ5 18D3OW7 18D3OW8	SSG	1. Med Trmt Sqd in Hq & Main Spt Co of SOSB (Abn). Second position also graded SSG. 2. Med Sec in Spt Co of SF Grp. a. Second position also graded SSG. b. Position will be coded with ASI Q5. 3. Med Sec in C-Det of SF Bn. 4. Ops Det A (ODA) Tm in SF Co of SF Bn. Position may be coded with ASI Q5, W7 and/or W8. 5. DS Tm of CA Co (DS). 6. B Det of SF Bn (Abn).
2	SENIOR MEDICAL NCO	18D4O 18D4OQ5 18D4O W7 18D4O W8	SFC	1. Med Plt Hq/Trmt Sec in Hq & Main Spt Co of SOSB (Abn). 2. Med Sec in Fwd Spt Co of SOSB (Abn). 3. ODA-Det in SF Co of SF Bn. Position may be coded with ASI Q5, W7 and/or W8.

Notes:

<sup>1</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–18D–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	INSTRUCTOR/WRITER	18D3O	SSG					1	2	3						Grades of additional positions will in same pattern.
2	INSTRUCTOR/WRITER	18D4O	SFC	1	2	3	4	4	4	4						
3	INSTRUCTOR/WRITER	18D3O	SSG													1. Instr Long Range Recon Patrol (ILRRPS) Dept of USA CA Tng Ctr. 2. Subsequent position also graded SSG.
4	MEDICAL NCO	18D3O	SSG													1. Ops Srch/Recon Div. Subsequent positions also graded SFC. 2. Korean Team of PERSCOM.
5	MEDICAL NCO	18D4O	SFC													1. TMC Facilities of USA JFKSWCS. Subsequent positions also graded SFC. 2. Surg Spt in Fld Ops Elm of USA SF.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate notapplicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10–18E–1  
Physical requirements**

Skill level	Task numbers	Tasks
3	1, 2, 3, 4, 5, 6, 7, 8, 9	1. Frequently visually identifies vehicles, equipment and individuals at a long distance.
4	1, 2, 3, 4, 5, 6, 7, 8, 9	2. Occasionally raises and carries 160 pounds person on back. 3. Frequently performs all other tasks while carrying 65 pounds evenly distributed over entire body. 4. Frequently digs, lifts and shovels 21 pounds scoops of dirt in bent, stooped or kneeling position. 5. Frequently gives and receives oral commands in outdoor area from distance of 50 meters. 6. Frequently walks, crawls, runs, and climbs over varying terrain for a distance of up to 25 miles. 7. Frequently runs for short distances. 8. Frequently walks at a brisk pace 4 out of 6 hours while carrying 26 pounds. 9. Frequently throws 1 pound object up to 40 meters.

**Table 10–18E–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	COMMO NCO	18E3O	SSG		1	2	3									1. Grades of additional positions will be in same pattern. 2. Base Sta Sec in Spt Co of SF Bn and SF Gp.
2	COMMO CHIEF	18E4O	SFC		1	1	1	1								
3	COMMO NCO	18E3O 18E3OF1 18E3OQ8 18E3OW7 18E3OW8	SSG													1. Recon Tm in Cml Co of Sp Ops. 2. C-E Sec in C-Det of SF Bn. 3. Ops Det A (ODA) Tm of SF Bn. Positions may be coded with ASI Q8, W7 and/or W8. 4. B Det of SF Bn. a. Position coded with ASI Q8. b. Position will also be coded with SQI V.
4	BTFLD SPECTRUM MGR	18E3OD9	SSG													1. C-E Sec of TASOC. 2. Gp Sig Sec of SF Gp (Abn). Position coded with ASI D9. 3. C-E Sec of SF Bn. Position coded with ASI D9.
5	COMMO CHIEF	18E4O 18E4OW7 18E4OW8	SFC													1. C-E Sec of TASOC. 2. Gp Sig Sec of SF Gp (Abn). 3. C-E Sec of SF Bn. 4. ODA/ODB of SF Bn. Position may be coded with ASI W7 or W8.
6	DETACHMENT SGT	18E4O	SFC													Sig Det in Spt Co of SF Bn and SF Gp.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–18E–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	INSTRUCTOR/WRITER	18E3O 18E3OD9 18E3OF1 18E3OW7 18E3OW8	SSG					1	2	2	3	3	4			Grades of additional positions will be in same pattern except as noted in line 3.
2	INSTRUCTOR/WRITER	18E4O 18E4OD9 18E4OF1 18E4OW7 18E4OW8	SFC		1	2	3	4	4	4	5	5	6	6		
3	INSTRUCTOR/WRITER	18E3O	SSG													1. Instr Long Range Recon Patrol Sch (ILRRPS) in Dept of USA CA Tng Ctr. 2. Subsequent positions also graded SSG.
4	COMMO NCO	18E3O	SSG													Commo Br in Spt Elm of USA SF Cmd. Subsequent positions also graded SSG.
5	FREQUENCY MGR NCO	18E4OD9	SFC													1. Comm Dir in USA Elm of Sp Ops Cmd (SOC) (SOUTH). 2. C3 Sys Div of SOC (CENTRAL). 3. TELCOMM Div of SOC (PACIFIC). 4. Cmd & Con Sys Gp of USA Jt Con Acty.
6	COMMO NCO	18E4O 18E4OW7 18E4OW8	SFC													1. 3rd Army/ARCENT of USA SF Spt Cmd. 2. ARSOF Sim Ctr in E Co of USA JFKSWCS. Positions coded with ASI W7/W8. 3. Comm & Elec Dir of SOC (EUROPE). 4. DCSIM in Fid Ops Elm of USA SF.
7	COMSEC NCO	18E4O	SFC													Cmd & Con Sys Gp of USA Jt Sys Con Acty.

**Table 10-18E-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
8	OPERATIONS NCO	18E40	SFC													1. Plans & Ops Div of USA SF Cmd. 2. Anti-Terr Det in A Co/Bn of 1st Sp Warfare Tng Gp (USAJFKSWCS).

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-18F-1  
Physical requirements**

Skill level	Task numbers	Tasks
4	1, 2, 3, 4, 5, 6, 7, 8, 9	<ol style="list-style-type: none"> <li>1. Frequently visually identifies vehicles, equipment and individuals at a long distance.</li> <li>2. Occasionally raises and carries 160 pounds person on back.</li> <li>3. Frequently performs all other tasks while carrying 65 pounds evenly distributed over entire body.</li> <li>4. Frequently digs, lifts and shovels 21 pounds scoops of dirt in bent, stooped or kneeling position.</li> <li>5. Frequently gives and receives oral commands in outdoor area from distance of 50 meters.</li> <li>6. Frequently walks, crawls, runs, and climbs over varying terrain for a distance of up to 25 miles.</li> <li>7. Frequently runs for short distances.</li> <li>8. Frequently walks at a brisk pace 4 out of 6 hours while carrying 26 pounds.</li> <li>9. Frequently throws 1 pound object up to 40 meters.</li> </ol>

**Table 10-18F-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	OPNS/INTEL SGT	18F40 18F4OW7 18F4OW8	SFC	<ol style="list-style-type: none"> <li>1. S3 Sec in Intel Spt Elm and SOSE of TASOC.</li> <li>2. S3 Sec of SF Bn or SF Grp and CA Bn (GS).</li> <li>3. ODA-Det (ODA) Tm of SF Bn. Position may be coded with ASI W7 and/or W8.</li> <li>4. DS Tm of CA Co (DS).</li> <li>5. PSYOP Br, Nat &amp; Reg Sec Br, Comm Aff Br, Infrastructure Br and Public &amp; Human Svc Br in HHC of Army Svc Comp Cmd.</li> </ol>

Notes:

- <sup>1</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- <sup>2</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-18F-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	INSTRUCTOR/WRITER	18F40 18F4OW7 18F4OW8	SFC	<ol style="list-style-type: none"> <li>1. USA JFKSWCS</li> <li>2. ILRRPS of USA CA Tng Ctr.</li> </ol>

**Table 10-18F-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
2	OPERATIONS NCO	18F40	SFC	<ol style="list-style-type: none"> <li>1. Regional Div in USA Elm of SOUTHCOM.</li> <li>2. 3rd Army/ARCENT of USA Sp Ops Spt Cmd.</li> <li>3. Thtr Br (second position also graded SFC) and Tng Div of USA SF Cmd.</li> <li>4. Phys Scty Sec of USA Def Sp Wpns Agcy.</li> <li>5. USA JFKSWCS: <ol style="list-style-type: none"> <li>a. ARSOF Sim Ctr.</li> <li>b. HHC Cmd Gp, A Co (Anti-Terr) and Co C (Water Ops) in 2nd Bn of 1st Sp Warfare Tng Gp (Abn). Position coded with ASI W7.</li> </ol> </li> <li>6. Ops Div in U.S. Army Land Info Warfare Act (USA LIWA).</li> <li>7. Sp Acty Div of USA Sp Acty Mgt Unit.</li> <li>8. DCSOPS: Cmd Ctr Spt (subsequent positions also graded SFC) and Lang Ofc in Fld Ops Elm of USA Sp Ops.</li> <li>9. Presd CNTG Prog, Wash Hq Ser Elm.</li> <li>10. Curr Ops Div of SOC (SOUTH).</li> <li>11. Ops Div of SOC (CENTRAL).</li> </ol>
3	INTELLIGENCE NCO	18F40	SFC	<ol style="list-style-type: none"> <li>1. Phys Scty Sec of USA Def Sp Wpns Agcy.</li> <li>2. ARSOF Sim Ctr of USAJFKSWCS.</li> <li>3. Sp Acty Div of USA Sp Acty Mgt Unit.</li> <li>4. Tgt/Expedit Br in USA Elm of SOUTHCOM Jt Intel Ctr.</li> <li>5. Assess Br in USA Elm of Jt Analysis Ctr (Molesworth).</li> <li>6. Tgt Analysis Div of SOC (SOUTH).</li> <li>7. Intel Div of SOC (CENTRAL).</li> <li>8. JCSAR in USA Elm of Jt Test Acty.</li> <li>9. D Co (ASOT) in 2nd Bn of USAJFKSWCS.</li> </ol>

Notes:

<sup>1</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-18Z-1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2, 3, 4, 5, 6, 7, 8, 9	<ol style="list-style-type: none"> <li>1. Frequently visually identifies vehicles, equipment and individuals at a long distance.</li> <li>2. Occasionally raises and carries 160 pound person on back.</li> <li>3. Occasionally climbs a rope a distance of up to 30 feet.</li> <li>4. Frequently performs all tasks while carrying a minimum of 65 pounds evenly distributed over entire body.</li> <li>5. Frequently gives and receives oral commands in outdoor area from distance of 50 meters.</li> <li>6. Frequently walks, crawls, runs, and climbs over varying terrain for a distance of up to 25 miles.</li> <li>7. Frequently runs for short distances.</li> <li>8. Frequently walks at a brisk pace 4 out of 6 hours while carrying 26 pounds.</li> <li>9. Frequently throws 1 pound object up to 40 meters.</li> </ol>

**Table 10-18Z-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	INTELLIGENCE NCO	18Z50	MSG	S2 Sec in HHC of SF Bn/Gp (Abn).
2	OPERATIONS NCO	18Z50	MSG	<ol style="list-style-type: none"> <li>1. SOSE of TASOC.</li> <li>2. B Det in SF Bn of SF Gp (Abn).</li> <li>3. Ops Det A (ODA) Tm in SF Bn of SF Gp (Abn). Position maybe coded with ASI S6 and W8.</li> <li>4. S3 Sec in HHC of CA Bn (GS).</li> <li>5. CA Cmd Spt Div in HHC of U.S. Army Svc Comp Cmd.</li> </ol>
3	MEDICAL OPERATIONS NCO	18Z50	MSG	<ol style="list-style-type: none"> <li>1. S4 Sec of TASOC.</li> <li>2. Surg Sec in HHC of SF Gp (Abn).</li> </ol>
4	SENIOR MEDICAL NCO	18Z50	MSG	Med Sec of SF Bn.
5	COMMO OPERATIONS NCO	18Z50	MSG	Gp Sig Sec of SF Gp (Abn).

**Table 10-18Z-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Explanatory notes
6	ENGINEER OPERATIONS NCO	18Z5O	MSG	Engr Sec in HHC of SF Gp (Abn).
7	FIRST SERGEANT	18Z5M	1SG	Principal NCO in:a. HHC of TASOC. b. HHC/Spt Co of SF Gp (Abn). c. HHC/Spt Co of SF Bn. d. CA Co.
8	OPERATIONS NCO	18Z5O	SGM	1. S3 Sec of TASOC and SF Gp (Abn). Second position also graded MSG. 2. S3 Sec of SF Bn. 3. Sp Ops Br and G5 CA Sec in HHC of U.S. Army Svc Comp Cmd.
9	COMPANY SGM	18Z5O	SGM	Principal NCO in SF "B" Detachment.

Notes:

<sup>1</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-18Z-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	CHIEF INSTRUCTOR	18Z5O	MSG	USAJFKSWCS
2	EDUC/RSCH NCO	18Z5O	MSG	Dir of Educ & Rsch in USA Elm of SOCI.
3	PLANS NCO	18Z5O	MSG	1. USA SOF Spt Cmd of USAPAC. 2. Thtr Br of USA SF Cmd. Subsequent positions also graded MSG. 3. Plans Dir in USA Elm of SOC (Europe).
4	OPERATIONS NCO	18Z5O	MSG	1. USA SOF Spt Cmd of 3rd Army/ARCENT. 2. ACofS G3 and Plans & Ops Div of USA SF Cmd. Second position also graded MSG. 3. Thtr Br and AC FST in Tng Div of USA SF Cmd. Subsequent positions also graded MSG. 5. SOF Jt Cap Int Lab of USAJFKSWCS. 6. Sp Acty Div of USA Sp Acty Man Unit. 7. Exer Br in USA Elm of SOC (Europe). 8. USA SF Det (Korea). Position will be coded with ASI W7 and W8. 9. Ops Div of USA SF Cmd (Korea). 10. Tng Div (second and third position also graded MSG) of Ops Plans Force Read (USASOC). 11. Sp Op Spt Acty of USAPAC. 12. Ops and Tng Br (second position also graded MSG) in Spt Elm of USA Sp Ops. 13. Ops Div in Sp Ops Cmd of CENTCOM. 14. JCET Div and Excer Div in USA Elm of SOC (Pacific).
5	SENIOR COMMO SGT	18Z5OW7	MSG	Sys Interg Div of USA SOC. Position will be coded with ASI W7.
6	INTELLIGENCE NCO	18Z5O	MSG	1. Thtr Br of USA SF Cmd. 2. Intel Dir/J2 in USA Elm of SOC (Pacific).
7	LIAISON SERGEANT	18Z5O 18Z5OW7 18Z5OW8	MSG	USA SF Det (Korea). a. Subsequent positions also graded MSG. b. Position will be coded with ASI W7 and W8.
8	FIRST SERGEANT	18Z5M	1SG	Principal NCO in Co Hq of SF.
9	SENIOR OPERATIONS SGT	18Z5O	SGM	1. Hq in SF Spt Cmd of USAEUR and USAPAC. 2. ACofS, G3 of USA SF Cmd. 3. DCDR/ACMT of USAJFKSWCS. 4. Curr Ops Div in USA Elm of SOC (Europe). 5. Ops Plns & Tng Dir of SOC (ACOM). 6. Watch Ofc and Jt Tng Br of USA SF Cmd. 7. DCSOPS of USA SOC. 8. Ops Dir of SOC (South). 9. Ops Dir/J3 in USA Elm of SOC (Pacific).
10	DETACHMENT SGT	18Z5O	SGM	USA SF Det (Korea). Position will be coded ASI W7 and W8.
11	INTELLIGENCE NCO	18Z5O	SGM	Intel/Scty in USA Spt Elm of Sp Ops.

**Table 10-18Z-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
12	CHIEF INSTRUCTOR	18Z50	SGM	1. F Co in 1st Bn of 1st SF Tng Gp (USAJFKSWCS). Second position will be graded MSG. 2. B Co in 2nd Bn of 1st SF Tng Gp (USAJFKSWCS).

Notes:

- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-19D-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 3, 4, 5, 6	1. Frequently lifts 100 pounds 4 feet and carries 5 meters.
2	1, 3, 4, 5, 6	2. Occasionally lifts 100 pounds 4 feet and carries 5 meters.
3	2, 4, 6	3. Frequently digs, lifts, and shovels 21 pounds scoops of dirt 2 feet by 3 feet while bending, stooping, and kneeling.
4	2, 4, 6	4. Frequently climbs 9 feet. 5. Must possess normal color vision correctable to 20/20 in one eye and 20/100 in the other. 6. Must possess finger dexterity in both hands.

**Table 10-19D-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
<b>CFV (M3) Scout Squad</b>															
1	SCOUT	19D1OD3 19D1O2C	PFC	1	1	1	1								1. Full crew of this vehicle consists of five soldiers. 2. Hq section where PSG or Plt Ldr is vehicle commander, SSG position is not authorized. 3. All positions are associated with ASI D3. 4. Use with ASI 2C as appropriate.
2	SCOUT	19D1OD3 19D1O2C	SPC			1	1								
3	CFV DRIVER	19D1OD3 19D1O2C	SPC	1	1	1	1	1							
4	CFV GUNNER ASST SQUAD LEADER	19D2OD3 19D2O2C	SGT			1	1	1							
5	SQUAD LEADER SECTION LEADER	19D3OD3 19D3O2C	SSG							1					
<b>M113 Scout Squad</b>															
6	SCOUT	19D1O	PFC	1	1	1	1								1. Full crew of this vehicle consists of five soldiers. 2. Hq section where PSG or Plt Ldr is vehicle commander, SSG position is not authorized.
7	SCOUT	19D1O	SPC			1	1								
8	SCOUT DRIVER	19D1O	SPC	1	1	1	1	1							
9	ASST SQUAD LEADER	19D2O	SGT			1	1	1							
10	SQUAD LEADER SECTION LEADER	19D3O	SSG							1					
<b>ITV (M901) Scout Squad</b>															
11	SCOUT	19D1OE9	PFC					1							1. Full crew of this vehicle consists of four soldiers. 2. All positions are associated with ASI E9.
12	SCOUT DRIVER	19D1OE9	SPC	1	1	1	1								
13	ITV GUNNER	19D2OE9	SGT			1	1	1							
14	SQUAD LEADER	19D3OE9	SSG			1	1								
<b>Scout (HMMWV) Section (LID, SIB Airborne Ground Cav Troop)</b>															

**Table 10-19D-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
15	SCOUT	19D1O	PFC	1	1	1	2	2								1. Full crew of this vehicle consists of three soldiers.
16	SCOUT DRIVER	19D1O	SPC	1	1	1	2	2	2							2. One vehicle constitutes a squad and two constitutes a section.
17	SQUAD LEADER	19D2O	SGT		1	1	1	1								3. Section leader positions will be graded SSG, except when replaced by PSG or Plt Ldr.
18	SECTION LEADER	19D3O	SSG						1							
<b>Scout (HMMWV) TOW Section</b>																
19	SCOUT DRIVER	19D1O 19D1O2C	PFC			1	1	1								1. Full crew for each vehicle consists of three soldiers.
20	SCOUT DRIVER	19D1O 19D1O2C	SPC		1	1	1	1	1							2. One vehicle constitutes a squad and two vehicles constitute a section.
21	TOW GUNNER	19D2O 19D2O2C	SGT	1	1	1	1	2	2							3. Squad leader positions will be graded SSG, except when replaced by PSG or Plt Ldr.
22	SQUAD LEADER	19D3O 19D3O2C	SSG		1	1	1	2								4. Use with ASI 2C as appropriate.
<b>M551 Sheridan Crew</b>																
23	SHERIDAN CREWMAN	19D1O	PFC	1	1	1										Full crew of this vehicle consists of four soldiers.
24	SHERIDAN CREWMAN	19D1O	SPC	1	1	1	1									
25	GUNNER/ASSISTANT TC	19D2O	SGT		1	1										
26	TANK COMMANDER	19D3O	SSG					1								
<b>Scout (HMMWV) Plt Hq (Armor and Mechanized Battalions and Brigade Recon Troops)</b>																
27	SCOUT	19D1O	PFC	1	1	2										1. Full crew of this vehicle consists of three soldiers.
28	SCOUT DRIVER	19D1O	SPC	1	1	2	2									2. Two vehicles constitutes the Plt Hq. The PSG and Plt Ldr of the scout platoon serves as the third crewmember of these two vehicles.
<b>Scout (HMMWV) Sections (Armor and Mechanized Battalions)</b>																
29	SCOUT	19D1O 19D1O2C	PFC	1	1	1	1	1								1. Full crew consists of three soldiers per vehicle.
30	SCOUT DRIVER	19D1O 19D1O2C	SPC	1	1	1	2	2	2							2. For grading the first and third sections the team leader, SGT replaces the scout, PFC.
31	TEAM LEADER	19D2O 19D2O2C	SGT					1	1							3. One vehicle constitutes a squad and two vehicles constitutes a section. Full combat crew consists of three soldiers per vehicle.
32	SQUAD LEADER	19D2O 19D2O2C	SGT		1	1	1	1								4. Use with ASI 2C as appropriate.
33	SECTION LEADER	19D3O 19D3O2C	SSG						1							
34	SCOUT	19D1O	PFC	1	1	1	2	2								1. Full crew consists of three soldiers.
35	SCOUT DRIVER	19D1O	SPC	1	1	1	2	2	2							2. Grading the second and fourth sections.
36	SQUAD LEADER	19D2O	SGT		1	1	1	1								3. One vehicle constitutes a squad and two vehicles constitutes a section.
37	SECTION LEADER	19D3O	SSG						1							
<b>Vehicle operations through 5-ton capacity</b>																
38	ASST VEH DRIVER	19D1O	PFC	1	1	2	2	3	3	4	4	5				Transportation Section and CI III/V Resupply Section:
39	ASST VEH DRIVER	19D1O	SPC	1	1	2	2	3	3	4	4	5	5			a. Light Armor Bn.
																b. Cavalry Sqdn.
																c. Tank Bn.
																d. Sep Cav Trp.
<b>Heavy vehicle operations</b>																

**Table 10-19D-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
40	ASST HVY VEH DRIVER	19D1O	PFC	1	1	2	2	3	3	4	4	5	5	Transportation Section and CI III/V Resupply Section: a. Light Armor Bn. b. Cavalry Sqdn. c. Tank Bn. d. Sep Cav Trp.
41	ASST HVY VEH DRIVER	19D1O	SPC	1	1	2	2	3	3	4	4	5	5	
42	VEHICLE DRIVER	19D1O	PFC											
43	CARRIER DRIVER	19D1O	SPC											Hq element, troop, squadron, brigade, regiment or higher hq.
44	LIAISON ASSISTANT	19D1O	SPC											Assist liaison officer in the performance of liaison duties.
45	GUNNER	19D1O	SPC											Gunner on Sheridan #2 in bn/sqdn Hq tank section and company/troop Hq tank section.
46	TANK COMMANDER	19D2O	SGT											TC on Sheridan #2 Bn/Sqdn Hq tank section and company/troop Hq tank section.
47	AMMUNITION SERGEANT	19D2O	SGT											Transportation section of tank battalion, light armor bn and cavalry squadrons.
48	OPERATIONS ASSISTANT	19D2O	SGT											Position required to assist the Operations SGT in S3 sections of division and regiment cavalry squadrons in the preparation, reproduction, distribution of intelligence, administrative, and unit training documents.
49	TANK COMMANDER	19D3O	SSG											Principal NCO of Sheridan crew not commanded by TC in line 46, 52 or commissioned officer or platoon sergeant.
50	VEHICLE COMMANDER	19D3OD3	SSG											1. On the Regimental and Squadron Commander's CFV or M113. 2. On the regimental and Squadron XO or S3 CFV or M113. Use with ASI D3.
51	OPERATIONS NCO	19D3O 19D3O2S	SSG											Position required in Cav Trp Hq to assist the cdr in planning, organizing, directing, supervising, training, coordinating and reporting activities at the troop level. Use with ASI 2S as appropriate.
52	TANK COMMANDER	19D4O	SFC											Sheridan section leader in armor battalion, HHC and tank company on tank #1.
53	ASST OPERATIONS SGT	19D4O 19D4OJ3 19D4O2S	SFC											Position required in S-3 section of divisional and regimental cavalry squadron, and brigade Hq to assist in the collection, evaluation, interpretation, and dissemination of combat information. Also assist in planning, organizing, directing, and supervising of training for the cavalry squadron. Positions may also be used in regimental Hq, and separate armor brigade Hq and higher Hq. When possible this position should be filled with a CFV Master Gunner and identified with ASI J3. Use with ASI 2S as appropriate.
54	PLATOON SERGEANT	19D4O 19D4OF7 19D4OJ3	SFC											Principal NCO in: a. Cavalry platoons of reconnaissance squadrons, heavy division cavalry squadrons and ACR cavalry squadrons. b. Tank Bns, Reconnaissance squadrons, division cavalry squadrons, light armor battalions and mechanized infantry battalions positions will be further identified with ASI F7. c. Where equipped with the CFV, the position will be further identified with ASI J3.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–19D–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
<b>CFV (M3) Scout Squad</b>															
1	TRACK COMMANDER/ INSTR	19D2HD3	SGT	1	1	1	2	2	2						1. 1ST ATB, OSUT CFV section with six vehicles. 2. One instructor/Track Commander per vehicle. 3. All positions associated with ASI D3.
2	TRACK COMMANDER/ INSTR	19D3HD3	SSG		1	1	1	2	2						
3	TRACK COMMANDER/ INSTR	19D4HD3	SFC			1	1	1	2						
<b>CFV (M3) Training Platoon</b>															
4	CFV SCOUT	19D1OD3	PFC		1	1	1	2	2						1. 2d ATB (16TH Cav), USAARMS CFV Training Platoons. 2. Full crew of this vehicle consists of three soldiers (8 CFVs per platoon). 3. Where Plt Ldr or PSG is vehicle commander, SSG or SGT position is not authorized. 4. All positions associated with ASI D3.
5	CFV DRIVER	19D1OD3	SPC	1	1	1	2	2	2						
6	CFV COMMANDER	19D2OD3	SGT			1	1	1	1						
7	CFV COMMANDER	19D3OD3	SSG						1						
<b>Scout (HMMWV) Section</b>															
8	SCOUT VEHICLE OP- ERATOR	19D1O	PFC		1	1	2	2	3	3	4	5	5		1. 2ATB (16TH Cav), USAARMS, HMMWV Training Section. 2. Full crew of vehicle consists of two soldiers. 3. Two vehicles to a squad, five vehicles to a section.
9	SCOUT VEHICLE OP- ERATOR	19D1O	SPC	1	1	1	1	2	2	2	2	2	2		
10	SQUAD LEADER	19D2O	SGT			1	1	1	1	2	2	2	2		
11	SECTION LEADER	19D3O	SSG										1		
<b>CFV (M3) Scout Squad</b>															
12	SCOUT	19D1OD3	PFC		1	1	1	1							1. Full crew of this vehicle consists of five soldiers. 2. Hq section where PSG or Plt Ldr is vehicle commander, SSG position is not authorized. 3. All positions are associated with ASI D3. 4. ASI J3 may be used against SSG position.
13	SCOUT	19D1OD3	SPC				1	1							
14	CFV DRIVER	19D1OD3	SPC	1	1	1	1	1							
15	CFV GUNNER ASST SQUAD LEADER	19D2OD3	SGT			1	1	1							
16	SQUAD LEADER SECTION LEADER	19D3OD3 19D3OJ3	SSG						1						
<b>M113 Scout Squad</b>															
17	SCOUT	19D1O	PFC		1	1	1	1							1. Full crew of this vehicle consists of five soldiers. 2. Hq section where PSG or Plt Ldr is vehicle commander, SSG position is not authorized.
18	SCOUT	19D1O	SPC				1	1							
19	CARRIER DRIVER	19D1O	SPC	1	1	1	1	1							
20	ASST SQUAD LEADER	19D2O	SGT			1	1	1							
21	SQUAD LEADER SECTION LEADER	19D3O	SSG						1						
<b>M551 Sheridan Crew</b>															
22	SHERIDAN CREWMAN	19D1O	PFC		1	1	1								Full crew of this vehicle consists of four soldiers.
23	SHERIDAN CREWMAN	19D1O	SPC		1	1	1	1							
24	GUNNER/ASSISTANT TC	19D2O	SGT			1	1								
25	TANK COMMANDER	19D3O	SSG						1						
<b>Training Group/NCO Academy</b>															
26	INSTRUCTOR/WRITER	19D3H	SSG		1	2	3	4	5	5	6	7	8		1. Grading pattern for Training Group subcommittees; land navigation, hand grenade and 25mm (Ft Knox). 2. BNCOC Section, NCO Academy.
27	SR INSTRUCTOR/ WRITER	19D4H	SFC	1	1	1	1	1	1	2	2	2	2		
<b>Training Group</b>															

**Table 10–19D–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
28	INSTRUCTOR/WRITER	19D2H	SGT			1	2	2	2	3	3	4	4		Grading pattern for Training Group subcommittee; land mine warfare, combat orientation, M203 grenade launcher, M60 MG, infiltration course and weaponeer (Ft Knox).
29	INSTRUCTOR/WRITER	19D3H	SSG		1	1	1	2	2	2	3	3	4		
30	SR INSTRUCTOR/WRITER	19D4H	SFC	1	1	1	1	1	2	2	2	2	2		
<b>Operations, S2/S3</b>															
31	OPERATIONS SGT	19D2O	SGT					1	2	3	4	4	4		2ATB (16th Cav) Regimental Hq Operations Div, S2/S3/POM (Ft Knox).
32	OPERATIONS SGT	19D3O	SSG		1	2	3	3	3	3	3	4	4		
33	OPERATIONS SGT	19D4O	SFC	1	1	1	1	1	1	1	1	1	2		
34	VEHICLE DRIVER	19D1O	PFC												
35	CARRIER DRIVER	19D1O	PFC												Training divisions, brigades, and sections.
36	TACTICAL VEH OPERATOR	19D1O	SPC												Combat training centers.
37	OPERATIONS ASSISTANT	19D2O	SGT												Position required to assist the Operations Sgt in S3 sections of division and regiment cavalry squadrons in the preparation, reproduction, distribution of intelligence, administrative, and unit training documents.
38	ASST SQUAD LEADER	19D2O	SGT												Scout section at training centers.
39	SUPPORT NCO	19D2O	SGT												S4 Section, regimental and division.
40	RANGE PATROL SGT	19D3O	SSG												Range Division at Ft Jackson. Second position graded SGT.
41	TANK COMMANDER	19D3O	SSG												Principal NCO of tank crew not commanded by TC officer (commissioned or PSG) on Sheridan M551.
42	TRAINING MGT NCO	19D3O	SSG												Training company and troop Hq.
43	SQUAD LEADER	19D3O	SSG												Scout squad primary supervisor.
44	SR INSTRUCTOR/WRITER	19D3O	SSG												Armor School, Staff and Faculty Division.
45	SECTION LEADER	19D3O	SSG												Scout HMMWV Section at Training Centers.
46	MNVR SAFETY NCO	19D3O	SSG												Europe Training Centers and commands.
47	COMMAND CTR NCO	19D3O	SSG												Europe, ETTC Branch.
48	ASST OPERATIONS SGT	19D4O 19D4OJ3	SFC												Position required in S3 section of brigade or regimental cavalry squadron to assist in the collection, evaluation, interpretation and dissemination of information. Also, assists in planning organizing, directing and supervising training for brigade or cavalry squadron. Positions may be used in higher Hqs. Use with ASI J3 as appropriate.
49	PLATOON SERGEANT	19D4O	SFC												Principal NCO in a platoon.
50	TRAINING MGT NCO	19D4O	SFC												RC Advisory Region, Armor School or Army Training Center, above company/troop level.
51	MNVR CONTROL NCO	19D4O	SFC												G3 Division, training center.
52	TASKING NCO	19D4O	SFC												G3 USAARMC, Opns and Plans Div, USAARMS, S3 section, brigade, regiment and training division.
53	SENIOR OPFOR NCO	19D4O	SFC												OPFOR Academy and RC Spt Tng.
54	SENIOR TRAINER	19D4O	SFC												Reserve Component RTD.
55	CAREER ADVISOR	19D4O	SFC												Armor Branch, PERSCOM.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-19E-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 3, 4, 5, 6	1. Frequently lifts 125 pounds 1 foot.
2	1, 3, 4, 5, 6	2. Occasionally lifts and pulls 150 pounds 2 feet.
3	2, 3, 4, 6	3. Occasionally push/pull 200 pounds 2 feet.
4	2, 3, 4, 6	4. Frequently climbs 9 feet. 5. Must possess normal color vision, and vision correctable to 20/20 in one eye and 20/100 in the other. 6. Must possess finger dexterity in both hands.

**Table 10-19E-2  
Standards of grade/TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
1	Tank crewman (loader)	19E1O	PFC	1	1												Standard will be applied to cumulative positions at company level on basis of three per authorized tank. Applications to individual crew positions will be at the discretion of unit commanders so that totals for each grade are commensurate with this SG. All tank crewmen positions in excess of three per authorized tank will be in the grade of PFC. If applicable lines 14, and 17 below must be applied prior to this matrix.
2	Tank crewman	19E1O	SPC	1	1	1											
3	Gunner/asst TC	19E2O	SGT	1													

**Vehicle operations through 5-ton capacity**

4	Asst veh driver	19E1O	PFC	1	2	2	3	3	4	4	5	5					Assistant driver in cargo vehicles other than HEMTT in: a. Tank Company Class III/V squad. b. Transportation section of HHC, tank battalion. c. Transportation section of HHT, Cav Sqdn.
5	Asst veh driver	19E1O	SPC	1	1	1	2	2	3	3	4	4	5				

**Heavy vehicle operations**

6	Asst hvy veh driver	19E1O	PFC	1	1	2	2	3	3	4	4	5	5				Assistant HEMTT driver in: a. Tank Company Class III/V squad. b. Transportation Section of HHC, Tank Battalion. c. Transportation Section of HHT, Cav Sqdn. d. Tank Company Class III/V resupply section of separate tank company.
7	Asst hvy veh driver	19E1O	SPC	1	1	2	2	3	3	4	4	5	5				
8	Heavy vehicle driver	19E1O	SPC														Driver in Mine Roller Section of Aug-Countermine team. <i>Note.</i> When the number of drivers exceed one per vehicle such positions will be in the grade of PFC and titled Asst heavy veh driver.
9	Sr heavy vehicle driver	19E2O	SGT														Senior driver in Mine Roller Section of Aug - Countermine team.
10	Lt veh dvr	19E1O	SPC														
11	Carrier driver	19E1O	SPC														Positions requiring track vehicle drivers in staff sections, Hq elements of platoon through brigade level.
12	Liaison assistant	19E1O	SPC														Assist liaison officer in the performance of liaison duties.
13	Gunner	19E1O	SPC														Gunner on tank #2 in Bn/Sqdn Hq tank section and company/troop Hq tank section only.
14	Operations assistant	19E2O	SGT														Position required to assist the Operations Sgt in S3 sections of battalion or higher levels Hq in the preparation, reproduction, distribution of intelligence, administrative, and unit training documents.
15	Ammunition sergeant	19E2O	SGT														Positions required to supervise request, receipt, storage, and issue of ammunition in transportation sections in tank battalions.
16	Tank commander	19E2O	SGT														TC on tank #2 in Bn/Sqdn Hq tank section and company/troop Hq tank section only.
17	Tank commander	19E3O	SSG														Principal NCO of tank crew not commanded by TC in lines 17, 22, or 23, commissioned officer or platoon sergeant.

**Table 10–19E–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
18	Liaison sergeant	19E3O	SSG												1. CofS/Hq Cell/Main, HHC Hvy Div (Armor/Mech). 2. XO Sec, HHC Hvy Sep Bde (Mech).
19	Operations sergeant	19E3O	SSG												S3, Hvy Sep Bde (Mech).
20	Tank cdr/master gunner	19E4OD8	SFC												Tank section leader in Co/Trp Hq tank section on tank #1. Position will be identified with master gunner ASI D8.
21	Tank commander	19E4O	SFC												Tank section leader in armor Bn/Sqdn Hq tank section on tank # 1.
22	Asst operations sgt	19E4O	SFC												1. S3 section tank Bn. 2. G3/tactical Cp, HHC, Hvy Div (Armor). 3. S3 section Hvy Div Bde (Armor). 4. S3 section Hvy Sep Bde (Armor/Mech).
23	Platoon sergeant	19E4O	SFC												Principal NCO in tank platoons of tank battalions, armored cavalry squadrons, Lt tank battalions, and separate tank companies.
24	Tng mgt NCO	19E4O	SFC												RC advisory region or army training center.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–19K–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts 125 pounds 1 foot.
2	1, 2, 3, 4, 5	2. Occasionally lifts and pulls 130 pounds 150 feet.
3	2, 3, 4, 5	3. Frequently climbs 9 feet.
4	2, 3, 4, 5	4. Must possess normal color vision, and vision correctable to 20/20 in one eye and 20/100 in the other. 5. Must possess finger dexterity in both hands.

**Table 10–19K–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
<b>M1 Series Tank</b>															
1	TANK CREWMAN/ LOADER	19K1O 19K1OK4	PFC		1	1	1								1. Full crew of vehicle consists of four soldiers. 2. Hq section where PSG or Plt Ldr is Tank Commander, SSG position not authorized.
2	TANK CREWMAN	19K1O 19K1OK4	SPC		1	1	1	1							3. Standard will be applied to cumulative positions at company level on the basis of four per authorized tank.
3	GUNNER/ASST TC	19K2O 19K2OK4	SGT			1	1								4. If applicable, line 15, 16, 19, 23 and 25 will be applied prior to this matrix. 4. Units equipped with M1A2 use ASI K4.
4	TANK COMMANDER	19K3OK4	SSG				1								

**Armored Gun System (AGS)**

**Table 10-19K-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
5	TANK CREWMAN	19K1OG4	SPC	1	1	1										1. Full crew of vehicle consists of three soldiers. 2. Standard will be applied to cumulative positions at company level on the basis of two per authorized tank.
6	GUNNER/ASST TC	19K2OG4	SGT	1	1											3. All tank crewmen positions in excess of two per authorized tank will be in the grade of PFC.
7	TANK COMMANDER	19K3OG4	SSG			1										4. If applicable, line 15, 16, 19, 23 and 25 will be applied prior to this matrix.
<b>Vehicle operations through 5-ton capacity</b>																
8	ASST VEH DRIVER	19K1O	PFC		1	2	2	3	3	4	4	5	5			1. Transportation Section of: a. Tank Co CI III/V Squad.
9	ASST VEH DRIVER	19K1O	SPC	1	1	1	2	2	3	3	4	4	5			b. HHC Tank Bn. c. HHT Cav Sqdn. 2. When number of drivers exceed one per vehicle, such position will be graded PFC.
<b>Heavy vehicle operations</b>																
10	ASST HVY VEH DRIVER	19K1O	PFC		1	1	2	2	3	3	4	4	5			Transportation Section of: a. HHC Tank Battalion.
11	ASST HVY VEH DRIVER	19K1O	SPC	1	1	2	2	3	3	4	4	5	5			b. HHT Armored Cavalry Squadron. c. CI III/V Squad of Tank Battalion. d. CI III/V Resupply Section of Sep Tank Company. e. Mine Roller Sec of Aug Countermine Team.
12	VEHICLE DRIVER	19K1O	PFC													
13	CARRIER DRIVER	19K1O	SPC													Positions requiring track vehicle drivers in staff sections, Hq elements of platoon through brigade.
14	LIAISON ASSISTANT	19K1O	SPC													Assist liaison officer in the performance of liaison duties.
15	GUNNER	19K1O 19K1OG4 19K1OK4	SPC													Gunner on tank #2 in bn/sqdn tank section and company/troop Hq tank section only. Use with ASI G4 or K4 as appropriate.
16	TANK COMMANDER	19K2O 19K2OG4 19K2OK4	SGT													TC on tank #2 in bn/sqdn tank section and company/troop Hq tank section only. Use with ASI G4 or K4 as appropriate.
17	OPERATIONS ASSISTANT	19K2O	SGT													S3 Section Bn/Sqdn level or higher.
18	AMMUNITION SERGEANT	19K2O	SGT													Trans Sec, Tank Bn.
19	TANK CDR/MASTER GUNNER	19K3O 19K3OA8 19K3OG8 19K3OK8	SSG													Tank section leader in company/troop Hq Tank section on #1 tank. Use with ASI A8,G8 or K8 as appropriate.
20	LIAISON SERGEANT	19K3O	SSG													Chief of Staff Sec, HHC, Armored Div and XO, HHC, Hvy Sep Bde (Mech).
21	OPERATIONS SERGEANT	19K3O 19K3O2S	SSG													S3, Hvy Sep Bde (Mech). Use with ASI 2S as appropriate.
22	MASTER GUNNER	19K4OA8 19K4OG8 19K4OK8	SFC													1. S3 Section of a Tank Battalion/Cavalry Squadron. 2. Units equipped with M1/M1A1 series tanks identify with ASI A8. Armored Gun System identify with ASI G8. M1A2 series tank identify with ASI K8.
23	TANK COMMANDER	19K4O 19K4OG4 19K4OK4	SFC													Tank section leader in tank bn/cav sqdn Hq tank section on tank #1. Use with ASI G4 or K4 as appropriate.
24	ASST OPERATIONS SGT	19K4O 19K4O2S	SFC													S3 section of tank Bn/Cav Sqdn or higher level staff. Use with ASI 2S as appropriate.
25	PLATOON SERGEANT	19K4O 19K4OG4 19K4OK4	SFC													Principal NCO in Tank Platoons of Tank Bn, Cav Sqdn, or Light Tank Bn. Use with ASI G4 or K4 as appropriate.

**Table 10-19K-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
26	TEAM SERGEANT	19K4O	SFC													HHC Armored Division Personnel Operations Section.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-19K-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
<b>M1 Series Tank (Tactical Use)</b>																
1	TANK CREWMAN (LOADER)	19K1O 19K1OK4	PFC	1	1											1. Standard will be applied to cumulative positions at company level on the basis of three per authorized tank.
2	TANK CREWMAN	19K1O 19K1OK4	SPC	1	1	1										2. Applications to individual crew positions will be at the discretion of unit commanders so that totals for each grade are commensurate with this SG.
3	GUNNER/ASST TC	19K2O 19K2OK4	SGT			1										3. All tank crewmen positions in excess of three per authorized tank will be in the grade of PFC. 4. If applicable, line 28 and 34 will be applied prior to this matrix. 5. Units equipped with M1A2 use ASI K4.
<b>M1 Series Tank (Training - Four Man Crew)</b>																
4	TANK CREWMAN	19K1O 19K1OK4	PFC	1	2	2	2									1. 2ATB (16th Cav), USAARMS. Standard applies to four man tank crew with four tanks per platoon.
5	GUNNER/ASST TC	19K1O 19K1OK4	SPC			1	1									2. Plt Ldr and PSG tank (tank number 1 and 2), gunner will be graded SGT and driver graded as SPC.
6	TANK COMMANDER	19K2O 19K2OK4	SGT				1									3. Assistant Plt SGT on tank #3 will be graded SSG. (See line 44).
<b>M1 Series Tank (Training - Three Man Crew)</b>																
7	TANK CREWMAN	19K1O 19K1OK4	PFC	1	1											1. 2ATB (16th Cav), USAARMS. Standard applies to three man tank crew with six to ten tanks per platoon.
8	GUNNER	19K1O 19K1OK4	SPC	1	1	1										2. Plt Ldr and PSG Tank (tanks 1 & 2) no tank commander (SGT) is authorized.
9	TANK COMMANDER	19K2O 19K2OK4	SGT				1									3. Assistant PSG on tank #3 will be graded as SSG (See line 44).
<b>M1 Series Tank (Training - Two Man Crew)</b>																
10	TANK CREWMAN	19K1O 19K1OK4	SPC	1	1	2	2	3	3	4	4	5				1. 2ATB (16th Cav), USAARMS. Standard applies to two man crews with five tanks per section.
11	TANK CREWMAN	19K2O 19K2OK4	SGT	1	1	2	2	3	3	4	4	4				2. Each section will have one tank with SSG and a SPC. All other tanks in the section will have a SGT with a SPC.
12	SECTION SERGEANT	19K3O 19K3OK4	SSG									1	1			
<b>M1 Tank Sections (Training - One Man Per Tank)</b>																
13	TANK COMMANDER/ INSTR	19K2H 19K2HK4	SGT			1	2	2	2	2	3	3				1. 1st ATB, OSUT Tank Section with ten tanks per section (HHC, Tank Commander Sec).
14	TANK COMMANDER/ INSTR	19K3H 19K3HK4	SSG			1	2	2	2	2	3	4	4	5		2. One Tank Commander/Instructor per tank.
15	TANK COMMANDER/ INSTR	19K4H 19K4HK4	SFC	1	1	1	1	1	2	2	2	2	2			

**Regimental Operations, S2/S3**

**Table 10–19K–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
16	OPERATIONS SGT	19K2O	SGT					1	2	3	4	4	4	2ATB (16th Cav) Regimental Hq Operations Division, S2/S3 POM (Ft Knox).
17	OPERATIONS SGT	19K3O	SSG	1	2	3	3	3	3	3	4	4		
18	OPERATIONS SGT	19K4O	SFC	1	1	1	1	1	1	1	1	1	2	
<b>Squadron Operations</b>														
19	OPERATIONS SGT	19K2O	SGT		1	2	3	3	3	4	5	6	6	2ATB (16th Cav) Squadron Operations.
20	OPERATIONS SGT	19K3O	SSG	1	1	1	1	2	3	3	3	3	4	
<b>NCO Academy</b>														
21	INSTRUCTOR/WRITER	19K3H	SSG		1	2	3	4	5	6	6	7	8	M1 Armor Crewman BNCO Section, NCO Academy (Fort Knox).
22	INSTRUCTOR/WRITER	19K4H	SFC	1	1	1	1	1	1	1	2	2	2	
<b>Training Group</b>														
23	INSTRUCTOR/WRITER	19K2H	SGT				1	1	2	2	3	3	4	Grading pattern for combat orientation subcommittee in Training Group (Fort Knox).
24	INSTRUCTOR/WRITER	19K3H	SSG		1	2	2	2	2	3	3	4	4	
25	INSTRUCTOR/WRITER	19K4H	SFC	1	1	1	1	2	2	2	2	2	2	
26	VEHICLE DRIVER	19K1O	PFC											
27	CARRIER DRIVER	19K1O	SPC											Positions requiring track vehicle drivers in staff sections, Hq elements of platoon through brigade.
28	GUNNER	19K1O 19K1OK4	SPC											Gunner on tank #2 in battalion/squadron tank section and company/troop Hq tank section or in USAARMS (1st ATB/16th Cav) only. Use with ASI K4.
29	TANK COMMANDER	19K2O 19K2OK4	SGT											TC on tank #2 in battalion/squadron tank section and company/troop Hq tank section only. Use with ASI K4.
30	AMMUNITION SGT	19K2O	SGT											Trans Sec, Tank Battalion.
31	OPERATIONS SGT	19K2O	SGT											1. USA Element On-Site Inspection Agency. 2. CTC Div, USA CAC. 3. USA Laboratory Cmd Hq. 4. NCO Academy, Opns Sec (Ft Knox).
32	TRAINING SGT	19K2O	SGT											Squadron HHT, USAARMS.
33	EDUCATION CENTER NCO	19K2O	SGT											Education Center, Ft Carson.
34	TANK COMMANDER	19K3O 19K3OK4	SSG											Principal NCO of tank crew not commanded by SGT TC/TK #2, SFC TC/MG, SFC TC/Sec Ldr, TC PSG or commissioned officer. Use with ASI K4.
35	SQUAD LEADER	19K3O	SSG											1. Trans Sec of HHC Tank Bn or HHT Cavalry Squadron. 2. CI III/V Squad, Tank Company.
36	OPERATIONS SERGEANT	19K3O	SSG											1. USA Element On-Site Inspection Agency. 2. 7th USA Training Command. 3. Support Company, 7th Army Combined Arms Tng Ctr. 4. USAG Ft McCoy. 5. USA Btl Cmd Training Program. 6. USA Intelligence Center and School.
37	TNG MANAGEMENT NCO	19K3O	SSG											Training Company/Troop Hq.
38	TANK COMMANDER MASTER GUNNER	19K3OA8 19K3OG8 19K3OK8	SSG											1. Tank section leader in company/troop Hq tank section on tank #1. 2. USA Lab Ballistics. 3. USA TACOM. 4. HHC V Corps-Aug. 5. Use with ASI A8, G8 or K8 as appropriate.
39	WEAPONS SPECIALIST	19K3O	SSG											USA Elm On-Site Inspection Agency.
40	OPFOR NCO	19K3O 19K3OA8	SSG											RC Support Team. Use with ASI A8 as appropriate.

**Table 10–19K–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
41	OBSERVER CONTROL- LER	19K3O	SSG												RC Support, Armor Line Company.
42	ASST CH OF TRAINING	19K3O	SSG												NCO Academey, Fort Knox.
43	SR I/O INSTRUCTOR	19K3H	SSG												Training Group, Committee.
44	ASST PLATOON SGT	19K3O	SSG												Tank Platoons, USAARMS.
45	MASTER GUNNER	19K4OA8 19K4OK8	SFC												1. Principal Master Gunner in battalion/squadron. 2. Use with ASI A8 or K8 as appropriate.
46	OPERATIONS SER- GEANT	19K4O	SFC												1. S3 Section of tank battalion/cavalry squadron or higher level staff. 2. Support Co, 7th Army Combined Arms Training Center. 3. USA Laboratory Command Hq and USA Labs.
47	PLATOON SERGEANT	19K4O 19K4OK4	SFC												Principal NCO in a platoon. Use with ASI K4 as appropriate.
48	TNG MGMT NCO	19K4O	SFC												RC Advisory Region, USAARMS or Army Training Center above company/troop level.
49	INTERACTOR EXERCISE NCO	19K4O	SFC												1. USAG Fort Devens, Bragg, Campbell and Hood. 2. HHC V Corps-Aug. 3. AFCENT Reserve Corps.
50	WEAPONS SPECIAL- IST	19K4O	SFC												USA Elm On-Site, Inspection Agency.
51	ARMOR SAFETY NCO	19K4O	SFC												USA Safety Center and School and Ground Tactical Branch, Fort Rucker.
52	SENIOR PROJECT NCO	19K4O	SFC												USA Cold Rgn Test Center.
53	CAREER ADVISOR	19K4O	SFC												Armor Branch, PERSCOM.
54	RANGE OPS/TNG CH NCO	19K4O	SFC												Principal Operations and Training NCO in Range Division, Fort Stewart.
55	ENLISTED ASSISTOR	19K4O	SFC												RC Support Team, Fort Gillem.
56	INTELLIGENCE SER- GEANT	19K4O	SFC												S2/S3 Regimental, USAARMS.
57	CHIEF INSTRUCTOR	19K4H	SFC												1. JANUS Instructional Division, USAARMS. 2. Training Group Subcommittee, Tank Driver Training.
58	CHIEF OF TRAINING	19K4O	SFC												NCO Academy, Fort Knox.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–19Z–1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2	1. Occasionally stays awake in excess of 24 hours. 2. Must possess red/green color discrimination.

**Table 10–19Z–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	MASTER GUNNER	19Z5OA8 19Z5OG8 19Z5OK8	MSG	1. S3 section of: a. Armored Cavalry Regiment. b. Heavy/Armored Div Brigade with an Operations SGM. 2. Units equipped with M1/M1A1 series tank identify with ASI A8. Armored Gun System identify with ASI G8. M1A2 series tank identify with ASI K8.
2	INTELLIGENCE SERGEANT	19Z5O 19Z5OQ8 19Z5O2S	MSG	1. Principal intelligence sergeant in S2 Section of: a. Armored Cavalry Squadron and Regiment. b. Recon Squadron (LID). Use with ASI Q8. c. Separate Armored Bde. d. Division Cavalry Squadron. e. Tank Bn. Use with ASI Q8. f. Light Armored Bn, Abn Div. 2. Use with ASI 2S as appropriate.
3	OPERATIONS SERGEANT	19Z5O 19Z5OQ8 19Z5O2S	MSG	1. Hq Commandant section of Armored Div. 2. S3 Sec of Hvy Sep Bde (Mech). 3. Qual Test Br-Armor/Reconnaissance. 4. Operation Detachment A, Abn Corps. 5. Army Liaison Team (ARFOR). 6. HHC Army Service Comp Command, Battle Staff. 7. Use with ASI Q8 or 2S as appropriate.
4	ASST OPERATIONS SGT	19Z5O 19Z5O2S	MSG	1. G3/Current Ops/Main, HHC Corps. 2. G3 Operations/Main, Armored Div. 3. Use with ASI 2S as appropriate.
5	FIRST SERGEANT	19Z5M	1SG	Principal NCO of a company or troop.
6	SECTION SERGEANT	19Z5O	MSG	HHC, Armored Division Personnel Operations Section.
7	OPERATIONS SERGEANT	19Z5O 19Z5OQ8 19Z5O2S	SGM	1. Principal NCO in S3/G3 Section of: a. Armored Cav Sqdn and Regt. Use with ASI Q8. b. Cavalry Squadron (LID). Use with ASI Q8. c. Tank Bn. d. Light Armored Bn (Abn). e. Sep Armored Bde. f. Hvy Div Bde (Armor). g. Armored Div. h. G3/Current Ops/Main, HHC Corps. i. Division Cavalry Squadron. 2. HHC, Army Service Comp Command, Battle Staff. 3. Use with ASI 2S as appropriate.
8	MASTER GUNNER	19Z5OA8 19Z5OG8 19Z5OK8 19Z5O2S	SGM	1. Principal master gunner in: a. G3 Sec of Armored/Mech Div b. S3 Sec of Hvy Sep Bde (Armored) as sole Operations Division Sergeant Major. c. S3 Sec of Light Arm Cav Regt. 2. Use with ASI A8, G8, K8 or 2S as appropriate.

Notes:

1. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–19Z–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory Notes
1	MASTER GUNNER	19Z5OA8 19Z5OG8 19Z5OK8	MSG	1. USA Acquisition Mgt Support Agency. 2. Force Mod Br, Hq FORSCOM. 3. Scty Asst Tng Tm. 4. HHC V Corps-Aug. 5. Use with ASI A8, G8, or K8 as appropriate.
2	OPERATIONS SERGEANT	19Z5O	MSG	1. OCONUS FTE of Hq US Army TACOM. 2. TECO-KNOX; Ops Res Tng Div; Bn S2/S3, USA Opns Test and Eval Agency. 3. Tng Br, Hq 1st Army.

**Table 10-19Z-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory Notes
3	ARMOR SR SERGEANT	19Z5O 19Z5OQ8	MSG	HFM Log Sup Div and FDG Team E/H of Hq US Army TACOM. Use with ASI Q8 as appropriate.
4	SR CAREER ADVISOR	19Z5O	MSG	Armor Branch, PERSCOM.
5	DEPUTY COMMANDANT	19Z5O	MSG	7th ATC NCOA.
6	SR STAFF NCO	19Z5O	MSG	Classification Structure Integration Division, PERSCOM.
7	INSTRUCTOR/TEAM CHIEF	19Z5O 19Z5OA8 19Z5OK8	MSG	2ATB (16th Cav) AOAC, Instructor. Use with ASI A8 or K8 as appropriate.
8	FIRST SERGEANT	19Z5M	1SG	Principal NCO of a company or troop.
9	MASTER GUNNER	19Z5OA8 19Z5OK8	SGM	Principal master gunner in Range Modernization Improvement Branch, Hq USAREUR and 7th Army. Use with ASI A8, or K8 as appropriate.

Notes:

1. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-23R-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts and lowers 50 pounds 4 feet and carries 5 to 300 feet.
2	1, 2, 3, 4, 5	2. Occasionally lifts and lowers 25 to 100 pounds 1 to 3 feet and carries 50 to 300 feet as part of a two soldier team (prorated at 12.5 to 50 pounds per soldier).
3	1, 2, 3, 4, 5	3. Occasionally lifts and lowers 250 pounds 5 feet and carries 300 feet as part of a three soldier team (prorated at 83.3 pounds per soldier).
4	1, 2, 3, 4, 5	4. Occasionally runs handling 250 pounds 300 feet as part of a three soldier team (prorated at 83.3 pounds per soldier).
5	5	5. Must possess finger dexterity in both hands.

**Table 10-23R-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	HAWK MSL SYS MECH	23R1O	PFC				1	1	2	2	2				1. ORF Sec, Ord Maint Co, IDS HAWK. 2. Sys Tech Staff Sec, HHB ADA Bde, TA, and Army.
2	HAWK MSL SYS MECH	23R1O	SPC	1	1	1	2	2	2	3					
3	HAWK MSL SYS MECH	23R2O	SGT	1	1	1	1	2	2						
4	HAWK MSL SYS MECH	23R1O	PFC	1	1	1									1. Standard provides grading for one Sys Maint Tm. 2. Section supervisor provided from line 16. 3. Sys Maint Tm, ADA Btry, HAWK.
5	HAWK MSL SYS MECH	23R1O	SPC	1	1	1	1								
6	HAWK MSL SYS MECH	23R2O	SGT		1	1									
7	HAWK MSL SYS TM LDR	23R3O	SSG				1								
8	HAWK MSL SYS MECH	23R3O	SSG	1	1	2	2	3							ACofS, G4, HHB, Aug, ADCOM.
9	HAWK MSL SYS MECH	23R4O	SFC	1	1	2	2	3	3						

**Table 10-23R-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
10	HAWK MSL SYS MECH	23R3O	SSG			1	1	2								Tech Maint Staff Sec, HHB, ADA Bde, Corps and TA.
11	HAWK SYS MASTER MECH	23R4O	SFC	1	1	1	2	2								
12	HAWK SYS MASTER MECH	23R5O	MSG	1	1	1	1									
13	HAWK SYS MASTER MECH	23R4O	SFC	1	2											Elect Sec, HHB, ADA Bn, HAWK.
14	HAWK SYS MASTER MECH	23R5O	MSG	1	1	1										
15	HAWK MSL SYS MECH	23R1O	SPC													Msl Resupply Sec, HHB, ADA Bn, HAWK.
16	HAWK SYS MASTER MECH	23R4O	SFC													1. Sys Maint Sec, ADA Btry, HAWK. 2. Supervision of two or more Sys Maint Tms. 3. Wpns Sys Replace Sec, HHB, ADCOM, TA.
17	HAWK SYS MASTER MECH	23R5O	MSG													Sys Tech Staff Sec, HHB, ADA Bde.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-23R-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	HAWK MSL SYS MECH	23R1O	PFC	1	1	1										1. HAWK FC, PCP/CW, HAWK Sys Br, Maint/Svcs Br and Tng Ctr, USAADASCH.
2	HAWK MSL SYS MECH	23R1O	SPC	1	1	1	1									2. Standard provides grading for one Sys Maint Tm.
3	HAWK MSL SYS MECH	23R2O	SGT			1	1									
4	HAWK MSL SYS TM LDR	23R3O	SSG					1								
5	HAWK MSL SYS MECH	23R1O	PFC	1	1	1	2	2								Test and Op, and AD C2 Proj Br, USAWSMR.
6	HAWK MSL SYS MECH	23R1O	SPC	1	1	1	1	1	1							
7	HAWK MSL SYS MECH	23R2O	SGT			1	1	1	1							
8	HAWK MSL SYS MECH	23R3O	SSG					1	1	1						
9	HAWK MSL SYS MECH	23R4O	SFC							1						
10	HAWK MSL SYS MECH	23R2O	SGT					1								Sup and Maint Br, USAADASCH.
11	HAWK MSL MAINT SUPV	23R3O	SSG	1	1											
12	HAWK MSL SYS MECH	23R2O	SGT			1	2	2	3	4						Sys Coord, HIMAD Log, and FAAD ILS Br, USAADASCH.
13	HAWK SYS TECH ANA-LYST	23R3A	SSG	1	1	1	2	2	2							
14	HAWK SYS TECH ANA-LYST	23R4A	SFC	1	1	1	1	1	1	1	1					
15	HAWK MSL SYS MECH	23R3O	SSG	1	1	2	2	3								1. LN Gp NAMFI, HHC, USA Tng Ctr. 2. Stu Anal Br, Btry Hq Sec, USAADASCH.
16	HAWK MSL SYS MECH	23R4O	SFC	1	1	2	2	3	3							
17	HAWK SYS TEST SGT	23R3O	SSG	1	2											HIMAD Br, AD Board, TEXCOM.
18	HAWK SYS SR TEST SGT	23R4O	SFC	1	1	1										

**Table 10–23R–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
19	HAWK MSL SYS MECH	23R3O	SSG				1	1	2							HIMAD Dept, USAADASCH.
20	HAWK SYS MASTER MECH	23R4O	SFC	1	1	1	2	2								
21	HAWK SYS MASTER MECH	23R5O	MSG	1	1	1	1									
22	HAWK MSL SYS EVAL	23R3O	SSG	1	1	1										HAWK System Br, and Dir of Plans, Tng and MOB Dir, USAADACTR.
23	HAWK MSL SYS EVAL	23R4O	SFC	1	1	2	2									
24	HAWK MSL SYS EVAL	23R5O	MSG				1									
25	HAWK SYS RES MGT SGT	23R2O	SGT													Plans and Prog Br, USAADASCH.
26	HAWK MSL SYS MECH	23R3O	SSG													HAWK Pulse Acq and Anal, and Int Eval Br, USAADASCH.
27	HAWK SYS MASTER MECH	23R4O	SFC													1. USAADASCH: a. HAWK FS, PCP/CW, HAWK sys. b. Maint/Svcs Br, HIMAD Log Br and Tng Ctr. 2. Tech Spt Off, and Jordan Fld Off, MICOM.
28	HAWK SYS SR TECH ANAL	23R5A	MSG													HIMAD Log Sec, USAADASCH.
29	HAWK SYS MASTER MECH	23R5O	MSG													HAWK FS, and HAWK Sys Br, USAADASCH.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate notapplicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10–24H–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts and carries 95 pounds 50 feet.
2	1, 2, 3, 4, 5	2. Frequently lifts and carries 38 pounds.
3	4, 5	3. Frequently pushes and pulls 68 pounds 2 feet.
4	5	4. Occasionally climbs 5 feet.
5	5	5. Must possess finger dexterity in both hands.

**Table 10–24H–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	HAWK FC REP	24H1O	PFC	1	1	1	1	1	2	2	3	3				HAWK Elect Rdr Sec, Ord Co, GM, Maint.
2	HAWK FC REP	24H1O	SPC	1	1	1	2	2	2	2	3	3	3			
3	HAWK FC REP	24H2O	SGT			1	1	1	2	2	2	2	3			
4	HAWK FC SR REP	24H3O	SSG					1	1	1	1	1	1			

**Table 10-24H-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
5	HAWK FC REP	24H1O	PFC	1	1	1	1	2	2	2	3	3	1. HAWK Elect Rdr Sec, Ord Maint and Sup Co, GM/GS, TA. 2. HAWK Msl Elect Sec, Ord Maint Co, DS, HAWK PIP II 3x2, Corps, and 4x2, TA.	
6	HAWK FC REP	24H1O	SPC	1	1	1	2	2	2	2	3	3	4	
7	HAWK FC REP	24H2O	SGT		1	1	1	1	2	2	2	2		
8	HAWK FC SR REP	24H3O	SSG				1	1	1	1	1	1		
9	ASST TECH INSP	24H2O	SGT	1									1. Ord Maint and Sup Co, GM/GS, TA, and Ord Co, GMM. 2. Ord Maint Co, DS, HAWK PIP II 3x2, Corps, and 4x2, TA.	
10	TECH INSPECTOR	24H3O	SSG	1	1									
11	HAWK FC SR REP	24H4O	SFC										1. HAWK Elect Rdr Sec, Ord Maint and Sup Co, GM/GS, TA, and Ord Co, GMM. 2. HAWK Msl Elect Sec, Ord Maint Co, HAWK PIP II, DS, HAWK 3x2 Corps, and 4x2, TA.	

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-24K-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts, lowers 3 feet and carries 50 pounds 50 feet.
2	1, 2, 3, 4	2. Frequently lifts and carries 65 pounds.
3	3, 4	3. Occasionally lifts 45 pounds and climbs 5 feet.
4	4	4. Must possess finger dexterity in both hands.

**Table 10-24K-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	HAWK cw rdr rep	24K1O	PFC	1	1								1. HAWK Maint Sec, Ord Msl Maint Aug Team (LU), HAWK PIP II 3X2, GS, HAWK Bn, Corps. 2. Supervision provided for by MOS 27H4O.	
2	HAWK cw rdr rep	24K1O	SPC	1	1	1								
3	HAWK cw rdr rep	24K2O	SGT			1								
4	HAWK cw rdr rep	24K1O	PFC		1	1	2	2	2	2	3	3	1. HAWK Elect Rdr Sec, Ord Maint and Sup Co, Gm/GS, TA. 2. HAWK Msl Elect Sec, Ord Maint Co, DS, HAWK PIP II 3X2, Corps, and 4X2, TA.	
5	HAWK cw rdr rep	24K1O	SPC	1	1	1	2	2	2	3	3	3		
6	HAWK cw rdr rep	24K2O	SGT	1	1	1	1	2	2	3	3	3		
7	HAWK cw rdr sr rep	24K3O	SSG									1		
8	HAWK cw rdr rep	24K1O	PFC			1	1	2	2	2	2	3	3	HAWK Elect Rdr Sec, Ord Maint Co, GM.
9	HAWK cw rdr rep	24K1O	SPC	1	1	1	2	2	2	2	3	3	3	
10	HAWK cw rdr rep	24K2O	SGT	1	1	1	1	1	2	2	2	3		
11	HAWK cw rdr sr rep	24K3O	SSG					1	1	1	1	1		
12	Asst tech insp	24K2O	SGT	1									QA/QC Sec, Ord Maint and Supply Co, GM/GS, TA; and Ord Maint Co, DS, HAWK PIP II 3X2 Corps, and 4X2 TA.	
13	Tech inspector	24K3O	SSG	1	1									
14	HAWK cw rdr mat sgt	24K3O	SSG										Msl-Mun Maint Br, MMC, TAACOM, or Corps.	
15	HAWK cw rdr sec ch	24K4O	SFC										1. HAWK Elect Rdr Sec, Ord Maint and Sup Co, GM/GS, TA. 2. HAWK Elect Sec, Ord Maint Co, DS, HAWK PIP II 3X2 Corps, and 4X2 TA.	

**Table 10–24K–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
16	HAWK materiel NCO	24K4O	SFC												MMC, Msl Br, and Bde Sup Element Section, ADSCOM.
17	Platoon sergeant	24K4O	SFC												HAWK Maint Platoon, Hqs Sec of a Ord Maint and Supply Co, GM/GS, TA; and Ord Maint Co, DS, HAWK PIP II 3X2 Corps, and 4X2 TA.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–24M–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Frequently lifts and lowers 103 pounds 2 feet.
2	1, 2, 3	2. Frequently carries 103 pounds 100 yards as part of a two soldier team (prorated at 51.5 pounds per soldier).
3	1, 2, 3	3. Frequently lifts 84 pounds and climbs 2 feet.

**Table 10–24M–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	VULCAN system mechanic	24M1O	PFC	1	1	1									Sys Maint Sec, ADA Btry of: a. Guns (SP) MANPADS, Hvy Div. b. Gun/Missile, Hvy Div and HSB/ACR/SIB. c. Lt/SP Div and Hvy Div. d. Gun/MANPADS, Corps. e. VULCAN, AASLT. f. VULCAN/STINGER, ACR and Abn. g. VULCAN TOWED, Abn. h. Gun/STINGER, LID.
2	VULCAN system mechanic	24M1O	SPC	1	1	1	2								
3	VULCAN system mechanic	24M2O	SGT			1	1								
4	VULCAN system mechanic	24M1O	SPC												1. Maint Contact Team, ADA Btry, VULCAN/MANPADS, Abn. (One MOS 24M position, graded SPC, per contact team.) 2. Sys Maint Sec, ADA Btry, Gun/Stinger, LID. Will be applied against only one position.
5	VULCAN system mechanic	24M2O	SGT												ORF Sec, Ord Maint Co, DS (CHAP/VULC/FAAR).
6	VULCAN mech tm ch	24M2O	SGT												1. Supervision of one or more MOS 24M/52D subordinate soldiers on each contact team. 2. Maint Contact Team, ADA Btry, Gun/STINGER, LID. 3. Maint Contact Team, ADA Btry, VULCAN/MANPADS, AASLT.
7	Ch VULCAN sys mechanic	24M3O	SSG												Maint Contact Team, ADA Btry, Gun/STINGER, LID. (One SSG for supervision of three maint contact teams.)
8	Sr VULCAN sys mechanic	24M3O	SSG												Sys Maint Sec, ADA Btry of: a. Gun/Missile, Hvy Div. b. Guns (SP) MANPADS, Hvy Div and Corps. c. VULCAN TOWED, Abn. d. VULCAN, AASLT. e. VULCAN/STINGER, ACR and Abn. f. Gun/STINGER, LID.
9	Ch VULCAN sys mechanic	24M4O	SFC												1. Sys Maint Sec, ADA Btry, Gun/STINGER, LID and ID. 2. Radar Maint Sec, HHB, ADA Bn, Hvy Div and Corps. 3. FAAR Maint Sec, HHB, ADA Bn, STINGER, AASLT. 4. Tech Maint Staff, ADA Bde, Army (AOE).

**Table 10–24M–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
10	VULCAN system mechanic	24M4O	SFC													1. Sys Tech Staff, HHB, ADA Bde, TA. 2. Sys Maint Sec, ADA Btry, VULCAN/STINGER, Abn and Gun/Missile, HSB/ACR/SIB.
11	VULCAN maint manager	24M4O	SFC													Missile Br, HHC/MMC, AADCOM.
12	Ch VULCAN sys mechanic	24M4O	SFC													Tech Maint Staff, ADA Bde, Light Corps.
13	RDTE NCO	24M4O	SFC													SHORAD Br, OPTEC.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–24M–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	VULCAN system mechanic	24M1O	PFC		1	1	1									1. USAADASCH: a. LOS-F-H Platoon. b. Sys Maint. c. NLOS Pit.
2	VULCAN system mechanic	24M1O	SPC		1	1	1	2								2. Test Br, U.S. Army White Sands Missile Range (USAWSMR). 3. Communications Sec of ADA Btry.
3	VULCAN system mechanic	24M2O	SGT			1	1									FAADS Maint Br, USAADASCH.
4	System maint mechanic	24M1O	SPC		1	1	1	1	2	2	2					
5	System maint mechanic	24M2O	SGT		1	1	1	1	2	2	2	2				
6	System maint mechanic	24M3O	SSG			1	1	1	1	2	2					
7	System maint mechanic	24M4O	SFC				1	1	1	1	2					
8	VULCAN system mechanic	24M1O	PFC		1	1	1	1	2	2	2	2	2			1. Sys Maint Br, USAADASCH. 2. Test Ops Br and AD Cmd & Contr Projects Br, USAWSMR.
9	VULCAN system mechanic	24M1O	SPC		1	1	1	1	2	2	2	2	2	3		
10	VULCAN system mechanic	24M2O	SGT			1	1	1	1	2	2	2	2			
11	VULCAN system mechanic	24M3O	SSG				1	1	1	1	2	2	2			
12	Ch VULCAN sys mechanic	24M4O	SFC										1	1		
13	VULCAN system mechanic	24M1O	SPC													Hohenfels Equip Br, 7th Army Combined Arms Support Co.
14	VULCAN system mechanic	24M2O	SGT													Air Defense Sec, U.S. Army Armament & Munitions Ctr.
15	VULCAN system mechanic	24M3O	SSG													MAIT Team, HHB, 32d ADA Command, Augmentation.
16	VULCAN system mechanic	24M4O	SFC													1. Research and Development Br, U.S. Army Armament Research Development and Engineering Center. 2. Air Defense Sec, U.S. Army Armament and Munitions Center.
17	Tech anal-PIVAD	24M4O	SFC													FAADS ILS Br, USAADASCH.
18	NCO evaluator	24M4O	SFC													Internal Evaluation, USAADASCH. Second position also graded SFC.
19	VULCAN SME	24M4O	SFC													SHORAD Br, USAADASCH. Second position also graded SFC.

**Table 10–24M–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
20	VULCAN system mechanic	24M4O	SFC													Augmentation to Maint Plt Hq of ADA Btry.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10–24N–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts 80 pounds 3 feet.
2	1, 2, 3, 4, 5	2. Occasionally lifts and carries 80 pounds 25 feet as part of a 2 soldier team (prorated at 40 pounds per soldier).
3	1, 2, 3, 4, 5	3. Occasionally pushes and pulls with 200 ft/lbs of force. 4. Occasionally lifts, lowers 9 feet and carries 190 pounds 20 feet as part of a 4 soldier team (prorated at 47.5 pounds per soldier).
4	1, 2, 3, 4, 5	5. Must possess finger dexterity in both hands.

**Table 10–24N–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	CHAPARRAL sys mech	24N1O	PFC	1	1											System Maintenance Section.
2	CHAPARRAL sys mech	24N1O	SPC	1	1	1										
3	Sr CHAPARRAL sys mech	24N2O	SGT			1										
4	Asst ch CHAP sys mech	24N3O	SSG													Assist in coordination and supervision of CHAPARRAL system maintenance.
5	Ch CHAPARRAL sys mech	24N4O	SFC													1. Battery system maintenance section to coordinate and supervise CHAPARRAL system maintenance activities. 2. Battalion or higher headquarters to assist in coordination and supervision of CHAPARRAL system maintenance activities of subordinate units.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–24N–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	CHAPARRAL sys mech	24N1O	PFC	1	1											System Maintenance Section.
2	CHAPARRAL sys mech	24N1O	SPC	1	1	1										
3	Sr CHAPARRAL sys mech	24N2O	SGT			1										
4	Asst ch CHAP sys mech	24N3O	SSG													Assist in coordination and supervision of CHAPARRAL system maintenance.
5	Ch CHAPARRAL sys mech	24N4O	SFC													1. Battery system maintenance section to coordinate and supervise CHAPARRAL system maintenance activities. 2. Battalion or higher headquarters to assist in coordination and supervision of CHAPARRAL system maintenance activities of subordinate units.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10–25M–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts and lowers 120 pounds as part of a two soldier team (prorated at 60 pounds per soldier).
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts/lowers and carries 50 pounds.
3	2, 3, 4, 5, 6	3. Frequently sits for a period of 8 hours duration. 4. Frequently stands for a period of 1 hour duration. 5. Occasionally stands for a period of 3 hours duration. 6. Must possess good hand/eye coordination and finger dexterity in both hands.

**Table 10–25M–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	MULTIMEDIA ILLUSTRATOR	25M1O	PFC	1	1	1	1	1	2	2	3	4	4			1. Grades of additional positions will be in same pattern. 2. Propaganda Development Team, Research and Analysis Company. 3. All other positions not graded elsewhere in this table.
2	MULTIMEDIA ILLUSTRATOR	25M1O	SPC			1	2	3	3	3	3	3	3			
3	MULTIMEDIA ILLUSTRATOR	25M2O	SGT							1	1	1	2			
4	MULTIMEDIA NCO	25M3O	SSG	1	1	1	1	1	1	1	1	1	1			
5	MULTIMEDIA ILLUSTRATOR	25M1O	PFC			1										1. Propoganda Development Team, PSYOPS Battalion. 2. Product Development Ctr, 1st Psychological Ops Bn. 3. Two member team.
6	MULTIMEDIA ILLUSTRATOR	25M2O	SGT	1	1											
7	MULTIMEDIA ILLUSTRATOR	25M1O	PFC			1										Teams in Signal VI Company (Theater Army), support section.
8	MULTIMEDIA NCO	25M3O	SSG	1	1											
9	MULTIMEDIA ILLUSTRATOR	25M1O	PFC													Single position in team, detachment or company.

**Table 10–25M–2  
Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
10 MULTIMEDIA ILLUS-TRATOR	25M1O	SPC													1. Single positions: a. HHC or HHD of a battalion, squadron, group, brigade or division. b. Light Print Team, PSYOP EPW Co. 2. Opns (C&SE), 1st Bn 3d Inf. 3. Intel Spt Plt, MI Co. Second position graded PFC.
11 MULTIMEDIA ILLUS-TRATOR	25M2O	SGT													1. Info Svcs Spt Ofc, HHC 5th Sig Cmd. 2. Theater Army Support Command/Spt Cmd (EAC). 3. HHC Abn SF Grp (may be used with SQI S). 4. Hq HHC Corps. 5. S3, Sp Ops Avn Regt. 6. OPS (Tng/Air) Sec, 1st Bn, 3d Inf. Subsequent positions graded SPC. 7. ACOFS, Plans/Ops Sec, HHC Engr Command. 8. Operations Branch, HHC Medical Command. 9. S3, TASOC. 10. MMC/HHC & Sp Trp, TA/TAACOM.

Notes:

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2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–25M–3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
1 MULTIMEDIA ILLUS-TRATOR	25M1O	PFC	1	1	1	1	1	2	2	3	4	4		Grades of additional positions will be in same pattern.
2 MULTIMEDIA ILLUS-TRATOR	25M1O	SPC			1	2	3	3	3	3	3	3		
3 MULTIMEDIA ILLUS-TRATOR	25M2O	SGT							1	1	1	2		
4 MULTIMEDIA NCO	25M3O	SSG	1	1	1	1	1	1	1	1	1	1		
5 MULTIMEDIA ILLUS-TRATOR	25M1O	SPC												Grading will be used for all single positions not specifically identified in any other line.

**Table 10–25M–3**  
Standards of grade TDA—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
6	MULTIMEDIA ILLUS- TRATOR	25M2O	SGT													<ol style="list-style-type: none"> <li>1. Planning Group, HQ U.S. Army TRADOC.</li> <li>2. Plans Division, Exercise Spt Act.</li> <li>3. NCO Journal, U.S. Army SGM Academy.</li> <li>4. Graphic Arts &amp; Rep, WHCA.</li> <li>5. Academic Spt Sec, Int Amer Def Bd. Use with SQI L.</li> <li>6. Graphics Sec, USA Joint Intel Ctr.</li> <li>7. Secy to COS, USA Elm Allied Forces Northern Europe.</li> <li>8. Media Tng Div, USAR Elm Def Eq Opp Mgmt Inst.</li> <li>9. Op Graphics Br, USA Elm Def Eq EUCOM.</li> <li>10. Cmd Ctr Tng &amp; Pres Br, USA Elm HQ PACOM.</li> <li>11. ACAD Progs Dir, USEUCOM NATO School &amp; Marshall Ctr.</li> <li>12. 7th Hq HHC USAREUR 7th Army Aug:               <ol style="list-style-type: none"> <li>a. ODCSINT Main OPS. Second position graded SPC.</li> <li>b. WP Mission Spt.</li> <li>c. Operations Division.</li> </ol> </li> <li>13. PAO Sec, 704th MI Brigade.</li> <li>14. Graphics Sec, USA Elm SOC JT Intel Ctr Pacific.</li> <li>15. Vis Info Sec, USA Elm Intel Ctr Pacific.</li> <li>16. Exec Admin, USA Elm SHAPE.</li> <li>17. Vis System, 1111th U.S. Army Signal Bn.</li> <li>18. Army Broadcasting Service Office of the Chief of PA:               <ol style="list-style-type: none"> <li>a. ABS Det 2AFRTS-BC.</li> <li>b. NET TV Branch.</li> <li>c. Command Info.</li> </ol> </li> <li>19. Sp Asst to CINC, USA Elm HQ USSOUTHCOM.</li> <li>20. Graphics Sec, USA Elm ALFSEE.</li> <li>21. IM Element, USA Intel Opns Det.</li> </ol>
7	MULTIMEDIA NCO	25M3O	SSG													<ol style="list-style-type: none"> <li>1. Collections Br, Ctr Military History.</li> <li>2. Tng Div, U.S. Army Japan.</li> <li>3. USA Elm Ofc of the Joint Chiefs of Staff.               <ol style="list-style-type: none"> <li>a. CB7000 Spt Svcs Ofc.</li> <li>b. OPS Briefing Div.</li> <li>c. Auto Spt.</li> </ol> </li> <li>4. IM Element, U.S. Army Intelligence Staff Support Agency.</li> <li>5. U.S. Army Training Support Activity Korea:               <ol style="list-style-type: none"> <li>a. Training Support Center.</li> <li>b. Graphics Section.</li> <li>c. Production Branch.</li> </ol> </li> <li>6. U.S. Army Elm American Forces Information Service:               <ol style="list-style-type: none"> <li>a. American Forces Info Svc.</li> <li>b. AFRTS-BC.</li> </ol> </li> <li>7. ODCSOPS Operations Div, 7th HQ HHC USAREUR 7th Army Aug.</li> <li>8. TD Mgt Br, USA Avn Ctr Ft Rucker.</li> </ol>

Notes:

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**Table 10–25R–1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts and lowers 75 pounds and carries a distance of 76 feet.
2	1, 2, 3, 4	2. Must possess good hand/eye coordination and finger dexterity in both hands.
3	2, 3, 4	<ol style="list-style-type: none"> <li>3. Must not suffer from claustrophobia, acrophobia, or vertigo.</li> <li>4. Frequently reads complex schematic diagrams.</li> </ol>

**Table 10–25R–2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes									
				1	2	3	4	5	6	7	8	9	10										
1	VI EQUIP OP-MAINT	25R1O	PFC	1	1	1	1	1	2	2	2	3	Grades for additional positions will be in same pattern.										
2	VI EQUIP OP-MAINT	25R1O	SPC	1	1	1	2	2	2	2	3	3	3										
3	VI EQUIP OP-MAINT	25R2O	SGT			1	1	1	2	2	2	3	3										
4	VI EQUIP OP-MAINT NCO	25R3O	SSG					1	1	1	1	1	1										
5	VEHICLE DRIVER	25R1O	PFC																				
6	VI EQUIP OP-MAINT	25R2O	SGT											Operations Section, Signal Visual Info Company, Theater Army. Additional positions will be graded by lines 1-4.									
7	VI EQUIP OP-MAINT	25R3O	SSG											Asl Fwd Spt, 1st HHC Theater Sig Bde.									

Notes:

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- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–25R–3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes									
				1	2	3	4	5	6	7	8	9	10										
1	VI EQUIP OP-MAINT	25R1O	PFC	1	1	1	1	1	2	2	2	3	1. Grades for additional positions will be in same pattern.										
2	VI EQUIP OP-MAINT	25R1O	SPC	1	1	1	2	2	2	2	3	3	3	2. Requirements for SSG and lower positions in WHCA will be determined by DoD grading standards.									
3	VI EQUIP OP-MAINT	25R2O	SGT			1	1	1	2	2	2	3	3	3. Requirements for SSG and lower positions in ABS will be determined by DoD Standard									
4	VI OP-MAINT NCO	25R3O	SSG					1	1	1	1	1	1	5122.10-STD-1, Joint Work Force Standards, Armed Forces Radio and Television Broadcast Engineering and Maintenance, and graded accordingly.									
5	VI EQUIP OP-MAINT	25R2O	SGT											1. VI AV Br, U.S. Army War College. 2. Graphics Sec, USAE Joint Intelligence Center. 3. Services Br, HHC 7th USA Tng Cmd. 4. Video Teletng Div, USA Tng Spt Ctr.									
6	VI OP-MAINT NCO	25R3O	SSG											1. Technical Assistance Branch of Television-Audio Support Activity. 2. VI Br, USA Elm Staff Support Center. 3. Svcs Br, HHC Seventh U.S. Army Training Command. 4. Video Tele Div, U.S. Army Training Support Center. Subsequent positions will be graded SSG. 5. Eng Maint Div, U.S. Elm Forces Information Service. 6. WP Mission Spt, 7th Hq HHC USAREUR 7th Army Aug.									

Notes:

- \*Blank spaces in this column indicate not applicable.
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- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–25V–1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Occasionally lifts/lowers and carries equipment weighing up to 75 pounds.
2	1, 2, 3	2. Must possess good hand/eye coordination and finger dexterity in both hands.
3	2, 3	3. Occasionally stands for extended periods of several hours duration.

**Table 10–25V–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	COMBAT DOC/PROD SP	25V1O	PFC	1	1	1	1	1	1	2	3	3	3	Grades of additional positions will be in same pattern.
2	COMBAT DOC/PROD SP	25V1O	SPC	1	1	1	2	2	2	2	2	2	3	
3	COMBAT DOC/PROD SP	25V2O	SGT		1	1	1	2	2	2	3	3		
4	COMBAT DOC/PROD NCO	25V3O	SSG					1	1	1	1	1		
5	COMBAT DOC/PROD NCO	25V3O	SSG											1. Operations Section of a Signal VI Company, Corps Signal Brigade. 2. Operations Section of a Signal VI Company, Theater Signal Command.
6	COMBAT DOC/PROD SP	25V1O	PFC	1	1	1								MVES teams in a Signal Visual Information Company. (Three member team.)
7	COMBAT DOC/PROD SP	25V1O	SPC		1	1								
8	COMBAT DOC/PROD NCO	25V3O	SSG			1								
9	COMBAT DOC/PROD NCO	25V3O	SSG											MBL AV/TV Prod Sec, PSYOP Strat Dissem Co.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–25V–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	COMBAT DOC/PROD SP	25V1O	PFC	1	1	1	1	1	1	2	3	3	3	1. Grades of additional positions will be in same pattern. 2. Requirements for SSG and lower positions in WHCA and USA Elm AFIS will be determined by DoD grading standards.
2	COMBAT DOC/PROD SP	25V1O	SPC	1	1	1	2	2	2	2	2	2	3	3. Requirements for SSG and lower positions in ABS will be determined by DoD Standard 5122.10-STD-1, Joint Work Force Standards. American Forces Radio and Television Broadcast Operations, and graded accordingly.
3	COMBAT DOC/PROD SP	25V2O	SGT		1	1	1	2	2	2	3	3		4. Lab Div, U.S. Total Army Personnel Command. Subsequent positions graded SPC.
4	COMBAT DOC/PROD NCO	25V3O	SSG					1	1	1	1	1		

**Table 10–25V–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
5	COMBAT DOC/PROD SP	25V2O	SGT												<p>Single positions:</p> <p>a. Photo Sec, U.S. Army Elm Allied Land Forces Southeastern Europe/ALFSEE.</p> <p>b. U.S. Army Training Support Activity Korea: (1) Cp Humphreys. (2) Tng Spt Ctr.</p> <p>c. U.S. Army Elm Defense Intelligence Agency: (1) Video Ops. (2) Press Enlgmt/COL.</p> <p>d. Lecture Ctr, USASMA.</p> <p>e. Opns Search/Recon Div, U.S. Total Army Personnel Command.</p> <p>Subsequent positions graded SGT.</p> <p>f. Photographics, U.S. Army Garrison Ft Bragg.</p> <p>g. Television Br, U.S. Army Garrison Ft Riley.</p> <p>h. TV Prod Center, U.S. Army Avn and Msl Cmd.</p> <p>i. VI Div, U.S. Army Garrison Hawaii.</p> <p>j. Integr Matl Mgt Ctr, USA Tank Automotive and Armaments Command.</p> <p>k. Tech Services Br, U.S. Army Medical Rsch Institute of Infectious Diseases.</p>
6	COMBAT DOC/PROD NCO	25V3O	SSG												<p>Single positions:</p> <p>a. Multimedia Br, USAG Panama.</p> <p>b. Vis Info Br, U.S. Army Elm Staff Spt Ctr.</p> <p>c. Vis Aids Sec, USA Elm SHAPE.</p> <p>d. U.S. Army War College: (1) VI AV Br. (2) Systems Group.</p> <p>e. VI Div.</p> <p>f. Info Ctr Div, Second U.S. Army Hq.</p> <p>g. Instrumentation Div, U.S. Army Operational Test and Evaluation Agency.</p> <p>h. Korean Team, U.S. Total Army Personnel Command.</p> <p>i. Med Rsch Photo Br, Walter Reed Army Institute of Research.</p> <p>j. Visual Systems, 1111th U.S. Army Signal Battalion.</p> <p>k. Engr Br, U.S. Army Medical Department Center and School.</p> <p>l. Trng Sup Ctr, 411th CS HHD Spt Bn Aug. Second position graded SGT.</p> <p>m. ETV Productions, U.S. Army Garrison Ft Bragg.</p>

Notes:

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**Table 10–25Z–1  
Physical requirements**

Skill level	Task numbers	Tasks
4	1, 2	1. Frequently stands for a period of 4 hours.
5	1, 2	2. Frequently reads complex schematic diagrams.

**Table 10–25Z–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	VI SUPV	25Z4O	SFC	1. Supervisor of four or more VI personnel. 2. Signal VI Company: a. Operations Section. b. Support Section. 3. Info Svcs Spt Ofc, HHC Theater Signal Cmd. 4. Media Prod Sec, Psyop Strat Dissem Co. 5. Vis Info Div, Sig Co Hq.
2	PLATOON SERGEANT	25Z4O	SFC	Principal NCO in a platoon.
3	VI OPERATIONS SGT	25Z4O	SFC	Headquarters of a Signal VI Company (Corps).
4	VI LIAISON NCO	25Z4O	SFC	Operations Section of a Signal VI Company.
5	FIRST SERGEANT	25Z5M	1SG	Principal NCO in a company.
6	CHIEF VI NCO	25Z5O	SGM	Information Services Support Branch, Theater Signal Command.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–25Z–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	VI SUPV SENIOR VI NCO	25Z4O	SFC	1. Supervision of 4-49 VI soldiers. 2. White House Communications Agency: a. Video Services Section. b. Graphic Arts & Rep. c. Shift supervisor Audio Production Section (one per shift). 3. Media Division, AMEDD Ctr and Sch. 4. ETV Technical, USAG Ft Bragg. 5. TV Prod Ctr, U.S. Army Aviation & Missile Command. 6. VI Br, USA Elm Staff Support Center. 7. Audio/Visual Support, USA Regional Operations Command. 8. USAE Defense Acquisition University: a. AV Svcs & Elec Mnt Dept. b. Visual Arts Dept. 9. Secy to COS, U.S. Army Element Allied Forces Northern Europe. 10. Visual Systems, 1111th U.S. Army Signal Battalion. 11. Force Cdrs Staff, USA Elm Cdrs Stf Multinational Peace. 12. WP Mission Spt, 7th HQ HHC USAREUR 7th Army Aug. 13. U.S. Army JFKSWC&S: a. School Secretary. b. A Co-SERE Rtl 14. ARRC/FST, U.S. Army Elm Allied Forces Central Europe HQ. 15. Video Teletng Div, U.S. Army Training Support Center. (Second position also graded SFC). 16. U.S. Army Broadcasting Services (ABS) positions as determined and graded by DoD Standards 5122.10-STD-1. 17. Elect Maint Sec, 3d Psychological Ops Bn. 18. Training Spt Ctr, 411th CSHHD Spt Bn Aug. 19. C&E Br, Walter Reed Army Medical Center. 20. USA Tng Spt Acty Korea. a. Prod Br. b. Audio & TV Sec. 21. IW SRA SH2, USA Intel Ctr & Sch. 22. DS/GS Maint Spt, 36th Sig Bn HHD. 23. 3d PO Bn Dissemination: a. Media Prod Sec. b. Radio Engineering Sec. 24. IW SRA SH2, USA Int Cen & Ft Huachuca. 25. Vis Arts Dept, USAE Def Acquisition University. 26. U.S. Army Band (Pershings Own).

**Table 10–25Z–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
2	OPERATIONS NCO	25Z4O	SFC	1. White House Communications Agency: a. Photo Lab Branch. b. Audio-Visual HQ. 2. Single Agcy Mgr Pentagon ITS: a. AVIC Tele Div. (Second position also graded SFC.) b. AVIC Photo Div. c. AVIC Img Gph.
3	TV PROD SUPERVISOR TV PROD SP	25Z4O	SFC	1. U.S. Army Element American Forces Information Services: a. AFRTS-BC. Subsequent positions graded SFC. b. TV & Audio Spt Act. c. Photojournal. 2. Plans Division, U.S. Army Exercise Support Activity. 3. Seminar Spt Br, USAE Nat Def University.
4	VI DOC SUPV	25Z4O	SFC	U.S. Army National Training Center Operations Group: a. Fld Cbt Prod Tm. b. Fld Cbt Doc Tms.
5	PLATOON SERGEANT	25Z4O	SFC	Principal NCO in a platoon.
6	VI SUPERVISOR	25Z5O	MSG	1. Video Section, USANTC Operations Gp. 2. Prod Br, USA Tng Spt Acty Korea. 3. Field AAR, USA Cmbt Maneuver Training Center Grafenwohr.
7	VI OPERATIONS NCO	25Z5O	MSG	1. AVIC Ops Ofc, Single Agcy Mgr Pentagon ITS. 2. System Div, U.S. Army Elm American Forces Information Service. 3. Vis Info Div, USA War College.
8	CHIEF VI NCO	25Z5O	MSG	1. HQ Staff Spt Br, USAE Allied Forces Northern Europe. 2. Tech Spt Div, U.S. Army Operational Test and Evaluation Agency. 3. Photo Lab Br, USAE Defense White House Communication Agency. 4. Collections Br, U.S. Army Center of Military History. 5. AVIC Ofc Cdr, Single Agency Manager Pentagon ITS.
9	GRAPHICS SUPV	25Z5O	MSG	Vis Aids Sec, U.S. Army Elm SHAPE.
10	DETACHMENT NCO	25Z5O	MSG	Principal NCO in a detachment.
11	FIRST SERGEANT	25Z5M	1SG	Principal NCO in a company.
12	CHIEF VI NCO	25Z5O	SGM	1. Enlisted Br, U.S. Army Signal Center and School. 2. Info Tech Mgmt, Ofc of the Dir of Info Sys for Cmd, Ctrl, Comm & Comp. 3. Supv of 50 or more personnel engaged in VI operations.
13	SENIOR ENLISTED ADVISOR	25Z5O	SGM	Defense Visual Info, U.S. Army Elm American Forces Information Service.

Notes:

1. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–27E–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts and carries 104 pounds a distance of 75 feet, as part of a two soldier team (prorated at 52 pounds per person). 2. Frequently climbs 65 degree incline 7 feet carrying 104 pounds, as part of a 2 soldier team (prorated at 52 pounds per person). 3. Frequently climbs 7 feet. 4. Frequently pushes and pulls 80 pounds 2 feet. 5. Must possess finger dexterity in both hands.
2	1, 2, 3, 4, 5	
3	1, 2, 3, 4, 5	
4	3, 4, 5	

**Table 10–27E–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	LC ELECT MSL SYS REP	27E1O	PFC			1	1	1	2	2	2	3	3		1. Grades of additional positions will be in same pattern and applied to cumulative positions at section level.
2	LC ELECT MSL SYS REP TFTS REP	27E1O 27E1OJ9	SPC	1	1	1	2	2	2	3	3	3	4		2. Grading pattern will be used for all positions not specifically identified in any other line. 3. Fwd Spt Tm.
3	LC ELECT MSL SYS REP TFTS REP	27E2O 27E2OJ9	SGT		1	1	1	2	2	2	3	3	3		
4	LC ELECT MSL SYS REP TFTS REP	27E1O 27E1OJ9	PFC		1	1	1	1	2	2	2	2	3		1. When lines 1-3 do not apply use this pattern. 2. Grades of additional positions will be in the same pattern and applied to cumulative positions at section level. 3. SG will not be reapplied separately to those positions associated with ASI J9.
5	LC ELECT MSL SYS REP TFTS REP	27E1O 27E1OJ9	SPC	1	1	1	1	2	2	3	3	4	4		Land Cbt Maint Plt Hq of Ord Msl Spt Co Hvy Div.
6	LC ELECT MSL SYS REP TFTS REP	27E2O 27E2OJ9	SGT			1	1	1	1	1	2	2	2		
7	LC ELECT MSL SYS FMAN	27E3O	SSG				1	1	1	1	1	1	1		
8	VEHICLE DRIVER	27E1O	PFC												
9	LC ELECT MSL SYS NCO	27E3O	SSG												1. Maint Br in HHC/MC Spt Cmd of LID. 2. Msl-Mun Maint Br in MMC of COSCOM. Subsequent positions also graded SSG. 3. Msl Maint Br (Rear) in MMC of COSCOM. 4. Msl Br in HHT of Spt Sqdn ACR. 5. HHC of AMMO DS/GS Bn.
10	LC ELECT MSL SYS TI	27E4O	SFC												1. Maint Control or QA/QC Section. 2. Subsequent inspector positions also graded SFC.
11	SECTION CHIEF	27E4O	SFC												1. Land Cbt Maint Sec in: a. Ord Msl Spt Co of Inf and Hvy Div. b. Elect Maint Co. c. TOW and DRAGON DS Maint Sec in Msl Spt Co of Corps. d. Hq and Lt Ord Maint Co of AASLT and Abn Bn. e. Lt Maint Co of MSB AASLT and Abn. 2. Land Cbt Msl Maint Spt Tm in Ord Msl Spt Co of Inf and Hvy Div. 3. Msl Maint Sec in Aug Tm LP DS of LID. 4. Msl Rep Sec and Mat Ops Sec in Hq and Lt Ord Maint Co of AASLT and Abn Maint Bn. 5. Maint Ops Ctr and Elect Maint Sec in Cbt Rep Co of FSB Hvy Div (ALB-F). 6. DISCOM HHC/MMC of AASLT, Abn, Inf, Hvy Div and LID. 7. Msl-Armt Wpns/Maint Br in MMC of TA.
12	PLATOON SERGEANT	27E4O	SFC												Principal NCO in a Plt Hq.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–27E–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	LC ELECT MSL SYS REP	27E1O	PFC			1	1	1	2	2	2	3	3	1. Grades of additional positions will be in same pattern and applied to cumulative positions at section level. 2. SG will not be reapplied separately to those positions associated with ASI J9. 3. Grading pattern will be used for all positions not specifically identified in any other line. 4. Maint Co GS, NTC.
2	LC ELECT MSL SYS REP TFTS REP	27E1O 27E1OJ9	SPC	1	1	1	2	2	2	3	3	3	4	
3	LC ELECT MSL SYS REP TFTS REP	27E2O 27E2OJ9	SGT	1	1	1	2	2	2	3	3	3	3	
4	SECTION NCO	27E3O	SSG	1										1. Sustainment Mgt, Maint Div, U.S. Army Missile Command. 2. HHC of Log Cmd.
5	LC ELECT MSL SUPV	27E4O	SFC	1	1									3. DS Div U.S. Army Depot. 4. Msl Maint Sec of U.S. Army National Training Center. 5. FA Bn , RTD section of USA RC Spt Team.
6	LC ELECT MSL SYS REP	27E2O	SGT											1. Track Veh Br of U.S. Army OTEC. 2. PMO for ABRAMS Wpn Sys of U.S. Army Acquisition Exec Spt Agcy. 3. Msl Sec of USAG. 4. Maint and Tm-Armored Sys Mod Br of TACOM.
7	LC ELECT MSL SYS FRMN	27E3O	SSG											Supervising four or more soldiers from lines 1-3.
8	LC ELECT MSL SYS TI	27E3O	SSG											Msl Spt Sec of UUAG.
9	LC ELECT MSL NCO	27E3O	SSG											1. Land Cbt Sec of U.S. Army Ordnance Missile Munitions Center and School. 2. Msl Spt Sec of USAG.
10	OPERATIONS NCO	27E3O	SSG											Land Cbt Msl Sys Tng Dept of U.S. Army Ordnance Missile Munitions Center and School.
11	MSL MGT NCO	27E3O	SSG											Staff and Faculty Branch in DOTD of U.S. Army Ordnance Missile Munitions Center and School.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–27G–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts and carries 72 pounds. 2. Frequently lifts and carries 109 pounds. 3. Frequently climbs 4 feet carrying 68 pounds. 4. Frequently pushes and pulls 70 pounds. 5. Must possess finger dexterity in both hands.
2	1, 2, 3, 4, 5	
3	1, 2, 3, 4, 5	
4	1, 2, 3, 4, 5	

**Table 10–27G–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	CHAP/REDEYE ms rep	27G1O	PFC	1	1	1	1	2	2	3	3	3	1. Grades of additional positions will be in same pattern.	
2	CHAP/REDEYE ms rep	27G1O	SPC	1	1	1	1	2	2	3	3	3	2. SHORAD Maint Spt Tm, CHAPARRAL DS and GS Maint Spt Sec, and in CHAPARRAL Bn Aug Tm.	
3	CHAP/REDEYE ms rep	27G2O	SGT		1	2	2	2	2	2	3	3	3. CHAPARRAL, VULCAN and FAAR Maint Sec of Ord Msl Spt Co EAC. <i>Note.</i> Exception when one position graded as SGT.	
4	CHAP/REDEYE QA/QC TI	27G3O	SSG										1. Msl-Mun Maint Br of MMC COSCOM. 2. QA/QC Sec in Ord Msl Spt Co of Corps and EAC GS.	
5	CHAP/REDEYE rep supv	27G3O	SSG										Supervision of five or more subordinate CHAPARRAL/REDEYE missile system repairers in DS and GS level maintenance support element.	
6	CHAP/REDEYE rep NCO	27G3O	SSG										Msl-Mun Wpns and Maint Br in MMC of TA.	
7	Section chief	27G4O	SFC										1. Msl Maint Br in MMC of COSCOM. 2. CHAPARRAL Maint, in VULCAN and MANPADS Maint, and in aFAAR and TADDS Maint Sec in Ord Msl Spt Co of Corps. 3. Air Def Maint Sec and Air Def Maint Spt Tm in Ord Msl Co of Inf and Hvy Div; and EAC GS. 4. SHORAD Maint Spt Tm in Ord Msl Spt Co of Inf and Hvy Div; and GS EAC. 5. SHORAD Maint Sec in Elect Maint Co.	
8	Platoon sergeant	27G4O	SFC										Principal NCO for DS/GS level Maint Spt in; a. SHORAD Plt Hq Sec in Ord Msl Spt Co of Corps, Inf and Hvy Div. b. Air Def Plt Hq Sec in Ord Msl Spt Co of Inf and Hvy Div. c. Msl Sys Maint Plt Hq Sec in Elect Maint Co.	

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–27G–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	CHAP/REDEYE ms rep	27G1O	PFC	1	1	1							Grades of additional positions will be in same pattern.	
2	CHAP/REDEYE ms rep	27G1O	SPC	1	1	1	1							
3	CHAP/REDEYE ms rep	27G2O	SGT		1	2								

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10–27H–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Occasionally lifts, lowers and carries 45 pounds a distance of 50 feet. 2. Occasionally lifts and handles 56 pounds. 3. Must possess finger dexterity in both hands.
2	1, 2, 3	
3	1, 2, 3	
4	1, 2, 3	

**Table 10–27H–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	HAWK FME/IFF rep	27H1O8A	PFC		1	1	2	2	3	3	4	4	5	1. Grades of additional positions will be in same pattern. 2. HAWK Maint Sec in Ord Msl Aug Tm LU of Corps (3x2) and TA (4x2) for HAWK GS Msl Sys (PIP II and PIP III).
2	HAWK FME/IFF rep	27H1O8A	SPC		1	1	2	2	3	3	4	4	5	
3	HAWK FME/FS rep	27H1O	PFC		1	1	1	2	2	2	3	3	3	1. Grades of additional positions will be in same pattern. 2. HAWK Msl Mech Maint Sec in Ord Maint Co DS of Corps (3x2), and TA (4x2) HAWK Msl Sys (PIP II and PIP III).
4	HAWK FME/FS rep	27H1O	SPC		1	1	1	2	2	2	3	3	4	3. HAWK Maint Sec in;
5	HAWK FME/FS rep	27H2O	SGT			1	1	1	2	2	2	3	3	a. Ord Msl Aug Tm LU of Corps (3x2), and TA (4x2) for HAWK GS Msl Sys (PIP II and PIP III). b. Ord Msl Mat Co DS/GS.
6	HAWK FME/IFF FS rep	27H1O8A	PFC		1	1	1	1	2	2	2	3	3	1. Grades of additional positions will be in same pattern. 2. HAWK Msl Elec Maint Sec in Ord Maint Co of Corps (3x2), and TA (4x2) for HAWK DS Msl Sys (PIP II and PIP III).
7	HAWK FME/IFF FS rep	27H1O8A	SPC		1	1	1	1	2	2	2	3	3	3. PAR Maint Sec, DS Maint Aug Tm (HAWK).
8	HAWK FME/IFF FS rep	27H2O8A	SGT			1	1	1	1	2	2	2	2	
9	Sr HAWK FME/IFF FS rep	27H3O8A	SSG				1	1	1	1	1	1	1	
10	HAWK FME/FS asst TI	27H2O	SGT		1	2								1. QA/QC Sec in Ord Msl Mat Co of Corps (3x2), and TA (4x2) for HAWK DS/GS Msl Sys (PIP II and PIP III). 2. Ord Maint and Sup Co, GM/GS, TA.
11	HAWK FME/FS QA/QC TI	27H3O	SSG		1	1	1							
12	HAWK FME/IFF FS TI	27H3O8A	SSG											QA/QC Sec: a. Ord Maint Co of Corps (3x2), and TA (4x2) HAWK DS Msl Sys (PIP II and PIP III). b. Ord Co of Corps (3x2) HAWK DS.
13	HAWK FME/FS sr rep	27H3O	SSG											1. HAWK Msl Mech Maint and Ord Sec in Maint Co of Corps (3x2) and TA (4x2) HAWK DS (PIP II and PIP III). 2. HAWK Maint Sec in Ord Msl Aug Tm LU HAWK GS (PIP II and PIP III). 3. HAWK Elect and Maint Sys Sec in Ord Maint and Supply Co for GM GS.
14	HAWK FS sec ch	27H4O	SFC											1. HAWK Msl Mech Maint Sec in Ord Maint Co of Corps (3x2) and TA (4x2) HAWK DS (PIP II and PIP III). 2. HAWK Maint Sec in Ord Msl Aug Tm LU HAWK GS (PIP II and PIP III). 3. HAWK Elect and Maint Sys Sec in Ord Maint and Supply Co for GM GS. 4. HAWK Msl Mech Maint Sec in Maint Co of TA (4x2) HAWK DS. 5. HAWK Mech Maint Sec in Ord Co of Corps (3x2) for DS.
15	HAWK FME/PAR sec ch	27H4O	SFC											Msl Elect and Maint Sec in Ord Maint Co for HAWK DS (PIP II and PIP III).
16	HAWK maint pc supv	27H4O	SFC											Maint Con Sec in Ord Maint Co of Corps for HAWK DS (PIP II and PIP III).

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–27H–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
NO ACTION REQUIRED														

**Table 10–27K–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Occasionally lifts, lowers, and carries 45 pounds a distance of 200 to 800 feet. 2. Occasionally climbs and descends 4 to 5 feet while carrying 45pounds. 3. Must possess finger dexterity in both hands.
2	1, 2, 3	
3	1, 2, 3	
4	1, 2, 3	

**Table 10–27K–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	HAWK FC/CW RDR REP	27K1O	PFC		1	1										1. Grades of additional positions will be in same pattern. 2. HAWK Maint Sec in Ord Msl Aug Tm LU of Corps (3x2) HAWK GS Msl Sys (PIP III). 3. Principal supervision provided by MOS 27H4O.
2	HAWK FC/CW RDR REP	27K1O	SPC		1	1	1									
3	HAWK FC/CW RDR REP	27K2O	SGT				1									
4	HAWK FC/CW RDR REP	27K1O	PFC			1	1	2	2	2	2	3	3			1. Grades of additional positions will be in same pattern. 2. HAWK Msl Elect Maint Sec in Ord Maint Co of Corps (3x2) and TA (4x2) for HAWK DS Msl Sys (PIP III). 3. HAWK Elect Rdr Sec in Maint and Supply Co GM GS.
5	HAWK FC/CW RDR REP	27K1O	SPC		1	1	1	2	2	2	3	4	4	4		
6	HAWK FC/CW RDR REP	27K2O	SGT		1	1	1	1	2	2	2	2	2			
7	HAWK FC/CW SR REP	27K3O	SSG												1	
8	HAWK ASST FC/CW TI	27K2O	SGT		1											QA/QC Sec: a. Ord Maint Co of Corps (3x2) and TA (4x2) for HAWK DS Msl Sys (PIP III). b. HAWK Elect Radar Sec in Maint and Supply Co GM GS.
9	HAWK FC/CW QA/QC TI	27K3O	SSG		1	1										
10	HAWK FC/CW TI	27K3O	SSG													QA/QC Sec: a. Ord Maint Co of Corps (3x2), and TA (4x2) HAWK DS Msl Sys (PIP III). b. Ord Co of Corps (3x2) HAWK DS.
11	HAWK FC/CW RDR MNT SGT	27K3O	SSG													Msl Mun Br of MMC COSCOM, TA, and TAACOM.
12	SECTION CHIEF	27K4O	SFC													1. Msl Elect Maint Sec in Ord Maint Co of Corps (3x2) and TA (4x2) HAWK DS Msl Sys (PIP III). 2. HAWK Elect Radar Sec in Maint and Supply Co GM GS.
13	PLATOON SERGEANT	27K4O	SFC													1. Msl Maint Plt Hq Sec in Ord Maint Co of Corps (3x2) and TA (4x2) HAWK DS Msl Sys (PIP III). 2. HAWK Spt Plt Hq Sec in Maint and Supply Co GM GS.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will co-ordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-27K-3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
NO ACTION REQUIRED													

**Table 10-27M-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	<ol style="list-style-type: none"> <li>Frequently lifts and lowers 55 pounds and carries a distance of 10 feet.</li> <li>Frequently lifts, lowers, climbs, and descends 4 to 6 feet while carrying 75 pounds.</li> <li>Frequently lifts and lowers 150 pounds and carries 4 to 6 feet as part of a two soldier team (pro-rated at 75 pounds per person).</li> <li>Must possess finger dexterity in both hands.</li> </ol>
2	1, 2, 3, 4	
3	2, 3, 4	
4	2, 3, 4	

**Table 10-27M-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 MLRS REPAIRER	27M1O	PFC	1												1. Grades of additional positions will be in same pattern and applied to cumulative positions at section level.
2 MLRS REPAIRER	27M1O	SPC	1	1											2. Grading pattern will be used for all positions not specifically identified in any other line. 3. MLRS Spt Tm in Aug Tm LB of MLRS Bn DS/GS.
3 MLRS REPAIRER	27M1O	PFC		1	1	1	2	2	2	2	3				1. Grades of additional positions will be in same pattern and applied to cumulative positions at section level.
4 MLRS REPAIRER	27M1O	SPC	1	1	1	2	2	2	3	3	4	4			2. LC Maint Spt Tm in Ord Msl Spt Co of Inf and Hvy Div.
5 MLRS REPAIRER	27M2O	SGT	1	1	1	1	1	1	2	2	2				3. LC Maint Sec in Elect Maint Co. 4. MLRS Maint Spt Tm of:
6 MLRS REPAIR FORE-MAN	27M3O	SSG			1	1	1	1	1	1	1				a. Elect Maint Co. b. Aug Tm of MLRS Bn DS/GS. c. Aug Tm of Land Cbt Maint Sec DS/GS. d. Aug Tm of MLRS Bn DS. e. Aug Tm of Hvy Div GS. f. Ord Msl Sys Spt Co GS of EAC. 5. LCSS Tm of Ord Msl Spt Co. 6. Sys Maint Sec in ADA Btry of SIB. 7. MLRS Maint/Sys Rep Sec in Maint Co of Non-Divisional DS. 8. MLRS Maint Sec in Msl Spt Co of EAC or Corps.
7 MLRS QA/QC TI	27M3O	SSG													1. Maint Con Sec of: a. Elect Maint Co. b. Fwd Sp Co of Ord Bn AASLT and Abn Div. c. Ord Msl Spt Co of Inf and Hvy Div. d. Ord Trp Spt Bn of Hvy ACR. e. Hq and Lt Ord Maint Co of AASLT and Abn Div. 2. QA/QC Sec in Msl Spt Co of Corps and EAC and Ord Det. 3. LC Maint Spt Tm in Ord Msl Spt Co of Inf and Hvy Div. 4. MMC of Corps. 5. Elec Maint Br (Rear), MMC, Split-Ops, COSCOM. 6. Subsequent positions also graded SSG.
8 MLRS FOREMAN	27M3O	SSG													1. Aug Tm LB of MLRS Bn DS/GS supervising nine MLRS Maint Spt Tms by lines 1 and 2. 2. LC Maint Sec in Elect Maint Co. 3. MLRS Maint Sec in Ord Msl Spt Co of EAC.
9 SECTION CHIEF	27M4O	SFC													1. LC Msl Maint Spt Tm in Ord Msl Spt Co of Lt/Hvy Div. 2. MLRS Spt Tm in Electronic Maint Co. 3. MLRS/LANCE Mnt Control Sec in Msl Spt Co and Ord Det.

**Table 10-27M-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
10	PLATOON SERGEANT	27M4O	SFC													Principal NCO in a platoon.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-27M-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	MLRS REPAIRER	27M1O	PFC			1	1	1	2	2	2	3	3			1. Grades of additional positions will be in same pattern and applied to cumulative positions at section level.
2	MLRS REPAIRER	27M1O	SPC	1	1	1	2	2	2	3	3	3	4			2. Grading pattern will be used for all positions not specifically identified in any other line.
3	MLRS REPAIRER	27M2O	SGT	1	1	1	2	2	2	3	3	3				
4	MLRS MAINT TECH	27M3O	SSG	1												1. Land Cbt Spt Br, Maint Test and Proc Br U.S.Army MICOM.
5	MLRS MAINT TECH	27M4O	SFC	1	1											2. USA Reserve Storage Activity, Spt Tm, USA Security Tng Tm. Land Cbt Sec of Cbt Dev Div of U.S. Army Ordnance Missile and Munitions Center and School.
6	MLRS FOREMAN	27M4O	SFC													Land Cbt Sec of Cbt Dev Div of U.S. Army Ordnance Missile and Munitions Center and School.

Notes:

1. \*Blank spaces in this column indicate not applicable.

2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

3. When no grading guidance is provided by this table for coding TDA,MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpowergrading requirements.

**Table 10-27T-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1,2,3,4	1. Frequently lifts and lowers 75 pounds 3 to 4 feet. 2. Frequently climbs and descends a platform ladder 4 feet carrying 75 to 98 pounds 20 to 100 feet as part of a two soldier team (prorated at 37.5 to 49 pounds). 3. Frequently lifts and lowers 98 pounds 3 to 4 feet and carries 20 to 100 feet as part of a two soldier team (prorated at 49 pounds). 4. Must possess finger dexterity in both hands.
2	1,2,3,4	
3	1,2,3,4	
4	1,2,3,4	

**Table 10-27T-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	AVENGER SYSTEM REP	27T10	PFC			1	1	1	2	2	3	3	3	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	AVENGER SYSTEM REP	27T10	SPC	1	1	1	2	2	2	3	3	3	4	3. SHORAD Maint Sec in Lt Maint Co MSB (AASLT). 4. Air Def Maint Sec in:
3	MAINT SUPERVISOR	27T20	SGT	1	1	1	1	1	1	1	1	2	2	a. Ord Msl Spt Co of Hvy Div, Inf Div and GS (EAC). b. Msl Spt Co of Corps.
4	SECTION CHIEF	27T30	SSG				1	1	1	1	1	1	1	5. ADA Maint Sec in: a. Ord (Maint) Co MSB Lid. b. Lt Maint Co MSB (Abn). 6. Sys Maint Sec in: a. ADA Btry HSB, SIB, (AVENGER XXI), (B/A XXI), (AVENGER), AVENGER/STINGER, (AVENGER) of ACR, AVGR/MPADS, AVGR/MPADS (AASLT) and (Abn). b. ADA Btry ACR (BFV/AV/MPAD) and (3BSFV/AV). c. HHB ADA Bn (AASLT). 7. AVENGER Maint Sec in DS Aug Tm LV of AVENGER Bn. 8. MSL Maint Sec of Lid MSL Spt Aug Team (DS). 9. AVENGER Plt Hq Sec of AVENGER Plt Cell ACR/HSB.
5	AVENGER SYSTEM REP	27T10	PFC			1	1	1	2	2	3	3	3	1. Grades of additional positions will be in same pattern. 2. Air Def Maint Sec, Msl Maint Sec in Ord Det Spt of Corps.
6	AVENGER SYSTEM REP	27T10	SPC	1	1	1	2	2	2	3	3	3	4	
7	MAINT SUPERVISOR	27T20	SGT	1	1	1	1	1	1	1	1	2	2	
8	SECTION CHIEF	27T30	SSG				1	1	1	1	1	1	1	
9	FAADS QA/QC TI	27T30	SSG	1										1. Maint Con Sec in: a. Ord Msl Spt Co of Inf and Hvy Div. b. Elect Maint Co. c. Hq and Lt Maint Co of Maint Bn AASLT. d. Lt Maint Co of MSB AASLT and Abn Div.
10	FAADS QA/QC TI	27T40	SFC	1	1									2. QA/QC Sec in: a. Msl Spt Co of Corps, Ord Det. b. Ord Msl Spt Co GS (EAC).
11	VEHICLE DRIVER	27T10	PFC											Air Def Maint Plt Hq Sec of Ord Msl Spt Co Hvy Div.
12	MSL MAINT MGT SGT	27T30	SSG											1. Msl Mun Maint Br of MMC COSCOM, TAACOM. 2. Msl Mun Br of HHC, Sp Trps of TAACOM and Spt CMD (EAC). 3. Elec Maint Br (Fwd), MMC Split-Ops, COSCOM.
13	PLATOON SERGEANT	27T40	SFC											Principal NCO in a Platoon.
14	TECH MAINT STAFF NCO	27T40	SFC											Spt Ops Sec, HHB ADA Bde, Corps or EAC.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-27T-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	AVENGER SYSTEM REP	27T10	PFC		1	1	1	2	2	2	3	3			1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	AVENGER SYSTEM REP	27T10	SPC		1	1	2	2	2	3	3	3	4		3. Sys Maint Sec and Fire Control Sec in Svc Sch Tng Bde of U.S. Army Air Defense Artillery School.
3	MAINT SUPV	27T20	SGT		1	1	1	1	1	1	2	2	2		4. Air Def Maint Sec of U.S. Army Ordnance Missile and Munitions Center and School.
4	SECTION CHIEF	27T30	SSG					1	1	1	1	1	1		
5	AVENGER SYSTEM REP	27T20	SGT												1. RAM Manprint Div at U.S. Army White Sands Missile Range. 2. Maint Div of Spt Activity at U.S. Army MICOM.
6	AVENGER SYSTEM REP	27T30	SSG												Automated Maint Div at U.S. Army MICOM.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-27X-1  
Physical requirements**

Skill level	Task numbers	Tasks
2	1,2,3,4	1. Occasionally lowers, lifts overhead and carries 87 pounds as part of a 2-soldier team (prorated at 43.5 pounds per soldier).
3	1, 2, 3, 4	2. Frequently climbs 12 feet.
4	1, 2, 3, 4	3. Must possess eye/hand coordination and finger dexterity in both.
5	2,3,4	4. Must not possess claustrophobic tendencies.

**Table 10-27X-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	PATRIOT ASST TI	27X208A	SGT		1										1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	IFF/PATRIOT TI	27X308A	SSG		1	1									3. QA/QC Sec in Ord Msl Mat Co DS/GS. 4. QA/QC Sec in Maint and Supply Co GM GS of Sep COS-COM
3	IFF/PATRIOT SYS REP	27X208A	SGT		1	1	2								1. Grades of additional positions will be in same pattern. 2. Maint Sec in PATRIOT Bn DS/GS Aug Tm LX.
4	IFF/PATRIOT SYS REP	27X308A	SSG		1	1									3. QA/QC Sec in Ord Msl Mat Co GM GS.
5	PATRIOT SYSTEM REP	27X20	SGT		1	1	2	3	4	5	5	6	6		1. Grades of additional positions will be in same pattern.
6	PATRIOT SYSTEM REP	27X30	SSG		1	1	1	1	1	2	2	2	3		2. PATRIOT Spt Elm Sec of PATRIOT Spt Elm Maint Aug Tm LA.
7	PATRIOT SYSTEM REP	27X40	SFC								1	1			3. Maint Sec in PATRIOT Bn DS/GS Aug Tm LX. 4. Intern Spt Elm in Maint and Supply Co GM GS.
8	PATRIOT SYSTEM REP	27X20	SGT		1	1	1	2	2						1. Grades of additional positions will be in same pattern.
9	PATRIOT SYSTEM REP	27X30	SSG		1	1	1	2							2. PATRIOT Fld Army Spt Ctr of Maint and Supply Co GM GS.
10	PATRIOT SYSTEM REP	27X40	SFC			1	1	1							
11	PATRIOT SYSTEM REP	27X30	SSG												1. Maint Con or ORF Sec in Maint and Supply Co GM GS. 2. Elec Maint Br Rear, MMC, Split-Ops, COSCOM. 3. PAT FA Sup Sec, Ord Bn.
12	PATRIOT MSL MAINT NCO	27X40	SFC												Wpns Sys Replacement Sec in HHB of Theater Army Air Defense Command.

**Table 10-27X-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
13	PLATOON SERGEANT	27X4O	SFC													Principal NCO in a platoon.
14	PATRIOT SYSTEM EVAL	27X5O	MSG													1. Hq Sec in PATRIOT Bn DS/GS Aug Tm LX. 2. PATRIOT Fld Army Spt Ctr and Interm Spt Elm in Maint and Supply Co GM GS.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-27X-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	PATRIOT SYS REP	27X3O	SSG	1	1	2	3									1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	PATRIOT SYS REP	27X4O	SFC	1	1	1										
3	PATRIOT SYS REP	27X2O	SGT													Maint Test and Proc Br in Hq of U.S. Army Missile Command.
4	IFF/PATRIOT SYS REP	27X3O8A	SSG													Major Items and Sys Int Br of U.S. Army Depot AMC.
5	PATRIOT SYS REP	27X4O	SFC													PATRIOT Br and Div in Dir of U.S. Army Missile Command.
6	PATRIOT CURR NCO	27X4O	SFC													New Sys Tng Br in DOTD of U.S. Army Ordnance Missile and Munitions Center and School. Subsequent positions graded SFC.
7	PATRIOT OPS NCO	27X5O	MSG													PATRIOT Tng Dept of U.S. Army Ordnance Missile and Munitions Center and School.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-27Z-1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2, 3	1. Must possess finger dexterity in both hands. 2. Frequently reads complex schematic diagrams. 3. Frequently writes to keep records and compile data.

**Table 10-27Z-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	MAINT CONTROL SGT	27Z5O	MSG	1. Maintenance Control Section of: a. Infantry and Heavy Division. b. Electronics Maintenance Company. c. HAWK DS Maintenance Company. d. Missile Support Company of Echelons Above Corps (EAC). e. Maintenance and Supply Company GM GS of Sep COSCOM. f. G4 Sec of HHC Abn Corps. 2. Maintenance Operations Section of Missile Support Company of Corps. 3. Maintenance Support Branch in HHC of Corps Support Command (COSCOM).

**Table 10–27Z–2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Explanatory notes
2	MISSILE MAINT SGT	27Z5O	MSG	1. Missile-Munitions Materiel Branch in HHC of COSCOM. 2. Maint Ops Sec of Msl Spt Co of Corps/Msl Mun Div or HHC Thea TA Spt Cmd. 3. Missile-Armament Weapons and Maintenance Branch in MMC of TA. 4. Missile-Munitions Branch in HHC and Special Troops of TAACOM. 5. Missile-Munitions Maintenance Branch in MMC of TAACOM.
3	FIRST SERGEANT	27Z5M	1SG	Principal NCO in Co Hq with 75 or more soldiers.

Notes:

1. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–27Z–3**  
**Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	SR CAREER ADVISOR	27Z5O	MSG	Ordnance Branch of Enlisted Personnel Management Directorate, U.S. Total Army Personnel Command.
2	SR MAINTENANCE NCO	27Z5O	MSG	1. Systems Maintenance Branch in School Brigade of U.S. Army Air Defense Artillery School. 2. Missile Division in U.S. Army Redstone Arsenal Activity.
3	MAINTENANCE CHIEF	27Z5O	MSG	Maintenance Branch in Logistics Division of U.S. Army Ordnance Missile and Munitions Center and School.
4	FIRST SERGEANT	27Z5M	1SG	Principal NCO in Co Hq with 75 or more soldiers.

Notes:

1. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional manpower grading requirements.

**Table 10–31C–1**  
**Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Frequently lifts 42 pounds. 2. Occasionally lifts 100 pounds and carries 3 feet. 3. Occasionally pulls with 400 ft/lbs of force. 4. Must possess finger dexterity in both hands. 5. Must be able to hear a wide range of human voice tones. 6. Frequently speaks into a microphone.
2	1, 2, 3, 4, 5, 6	
3	4, 5, 6	

**Table 10-31C-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	RADIO OPR-MAIN-TAINER	31C1O	PFC		1	1	1	2	2							1. Operates and maintains single channel AM radios, teletype-writer sets, single channel vehicular mounted satellite terminals, JTIDS NCS, and other special communication systems in all organizations other than those listed in lines 5-8 below. 2. Grading pattern will be applied to all positions within a paragraph. 3. Grading pattern will also be used for all positions not specifically identified in any other line.
2	RADIO OPR-MAIN-TAINER	31C1O	SPC		1	1	1	2	2	2						
3	SENIOR RADIO OPR-MNT	31C2O	SGT			1	1	1	1							
4	RADIO SUPERVISOR	31C3O	SSG							1						
5	RADIO OPR-MAIN-TAINER	31C1O	PFC					1								1. Use in SRC series 07, 17, 44, 57, 77, and 87 TOE only. 2. Grading will be applied to all positions within a paragraph.
6	RADIO OPR-MAIN-TAINER	31C1O	SPC			1	1	1								
7	SENIOR RADIO OPR-MNT	31C2O	SGT		1	1	1	1								
8	RADIO SUPERVISOR	31C3O	SSG			1	1									
9	RADIO OPR-MAIN-TAINER	31C1S	SPC			1										1. SOCA team in: a. Special Operations Command (SOCOM) Signal Bn. b. Psychological Ops Grp/Bn/Co.
10	SENIOR RADIO OPR-MNT	31C2S	SGT		1	1	1									2. Positions will be coded with SQI S. 3. Use with the 52nd Sig Bn SOCEUR Det Radio Teams.
11	RADIO SUPERVISOR	31C3S	SSG			1	1									
12	RADIO OPR-MAIN-TAINER	31C1S	PFC					1								1. NRI team in a SOCOM Signal Bn. 2. Positions will be coded with SQI S.
13	RADIO OPR-MAIN-TAINER	31C1S	SPC				1	1								
14	SENIOR RADIO OPR-MNT	31C2S	SGT		1	1	1	1								
15	RADIO SUPERVISOR	31C3S	SSG			1	1	1								
16	EPLRS NCS OPERATOR	31C1OT1	PFC		1	1										Operates and maintains an Enhanced Position Locating and Reporting System (EPLRS) net control station.
17	EPLRS NCS OPERATOR	31C1OT1	SPC		1	1	1									
18	EPLRS NCS SUPERVISOR	31C3OT1	SSG				1									
19	EGRU OPERATOR	31C1OT1	SPC		1	1										Operates and maintains an Enhanced Ground Reference Unit (EGRU).
20	SENIOR EGRU OPERATOR	31C2OT1	SGT			1										
21	VEHICLE DRIVER	31C1O	PFC													
22	RADIO SECTION CHIEF	31C3O	SSG													1. Communications Section of an Airborne organization. 2. Base Radio Section in a Long Range Surveillance (LRS) element of an MI battalion, if no other SSG 31C position is present.
23	EPLRS PLANS/OPS NCO	31C3OT1	SSG													1. Ops/Intel section of a Division Signal Bn which is EPLRS equipped. 2. Signal Plt Hq, HHT, Arm Cav Rgt that is EPLRS equipped.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–31C–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
1	RADIO OPR-MAIN-TAINER	31C1O	PFC		1	1	1	2	2								1. To operate and maintain single channel AM radios, teletype-writer sets, single channel vehicular mounted satellite terminals, JTIDS NCS, Enhanced Position Locating and Reporting System (EPLRS) net control stations, and other special communication systems.
2	RADIO OPR-MAIN-TAINER	31C1O	SPC		1	1	1	2	2	2							2. Grading pattern will be applied to all positions within a paragraph.
3	SENIOR RADIO OPR-MNT	31C2O	SGT			1	1	1	1								
4	RADIO SUPERVISOR	31C3O	SSG							1							
5	CONSOLE CONTROL-LER	31C3OJ7	SSG														White House Communications Agency (WHCA). Subsequent positions also graded SSG.
6	ASST SECTION CHIEF	31C3OJ7	SSG														WHCA: a. Non-secure Voice Ops Sys. b. Secure Voice Ops Sys.
7	CONSOLE SUPERVISOR	31C3OJ7	SSG														1. Cp David Voice Ops Sys Sec. 2. Two subsequent positions also graded SSG.
8	RADIO SECTION CHIEF	31C3O	SSG														Full Time Support to a Reserve Component organization.
9	SWITCHBOARD TM CHIEF	31C3O	SSG														Ops Training Br, WHCA.
10	RADIO OPS NCO	31C3O	SSG														1. To perform staff operations duties at: a. Major Army Cmd (MACOM) Hq. b. U.S. Army Field Operating Agencies. c. U.S. and non-U.S. Joint & Combined Commands. 2. One subsequent position also graded SSG, remaining positions graded SGT. 3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–31F–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts/lowers and carries 150pounds as part of a 2 soldier team (prorated 75 pounds persoldier). 2. Must possess finger dexterity in both hands. 3. Must be able to hear a wide range of sound frequencies. 4. Frequently speaks into a microphone.
2	1, 2, 3, 4	
3	2, 3, 4	

**Table 10-31F-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	SWITCH SYS OPR-MNT	31F10	PFC			1	2	2	2							1. Teams to Operate and maintain automatic switchboards, electronic switching systems, "red switches" or telephone central offices.
2	SWITCH SYS OPR-MNT	31F10	SPC	1	1	1	1	2	2							2. Grading pattern will be used for all positions not specifically identified in any other line.
3	SR SWITCH SYS OPR-MNT	31F20	SGT		1	1	1	1	1							
4	SWITCH SYS SUPV	31F30	SSG							1						
5	SWITCH SYS OPR-MNT	31F10	PFC		1	1	1	1	2	2						1. Operation and maintenance tactical voice Switching equipmentin: a. Echelon Above Corps (EAC) Signal Unit. b. Special Operations Cmd (SOCOM) Signal Bn. Positions identified with SQI S.
6	SWITCH SYS OPR-MNT	31F10	SPC	1	1	1	2	2	2	3						2. Grading will be applied to all positions within a section. 3. For team chief, see MOS 31W.
7	SWITCH SYS SUPV	31F30	SSG			1	1	2	2	2						
8	NODE SWITCH OPR-MNT	31F10	SPC	1	1	2	2									1. Operation and maintenance of a Node Center or Large Extension Node Switch. 2. For Team Chief, see MOS 31W.
9	SR NODE SWITCH OPR-MNT	31F20	SGT		1	1	1									
10	NODE SWITCH SUPV	31F30	SSG					1								
11	EXT SWITCH OPR-MNT	31F10	PFC		1	1										Operation and maintenance of a MSE Small Extension Node Switch all units other than an Echelon Above Corps (EAC) Signal Bn.
12	EXT SWITCH OPR-MNT	31F10	SPC	1	1	1										
13	EXTENSION SWITCH SUPV	31F20	SGT			1										
14	EXT SWITCH OPR-MNT	31F10	PFC		1	1										Operation and maintenance of a MSE Small Extension Node Switch in an EAC Signal Bn.
15	EXT SWITCH OPR-MNT	31F10	SPC	1	1	1										
16	EXTENSION SWITCH SUPV	31F30	SSG			1										
17	FES SWITCH OPR-MNT	31F10	SPC	1	1	1										Force Entry Switch (FES) team in the Contingency Communications sections of Abn, AASLT or Light Inf Div (LID) Signal Bn.
18	FES SWITCH OPR-MNT	31F20	SGT		1	1										
19	FES SWITCH SUPV	31F30	SSG			1										
20	SR SWITCH SYS OPR-MNT	31F20	SGT		1											Liason Temas in a Power Pac 3 sec or a Contingency Signal Co.
21	SWITCH SYS SUPV	31F30	SSG	1	1											
22	PATRIOT SWITCH OPR-MNT	31F10	PFC		1	1										Teams to operate PATRIOT Communications equipment in the Communications Center, Fire Distribution, Fire Control and Communications Relay sections of a PATRIOT ADA Battalion.
23	PATRIOT SWITCH OPR-MNT	31F10	SPC			1										
24	SR PATRIOT SWITCH OPR-MNT	31F20	SGT	1	1	1										
25	MGMT SHELTER OPR-MNT	31F10	PFC													1. To operate and maintain the AN/TSQ-154 MSE Node Management Facility. 2. Subsequent positions also graded PFC.
26	SWITCH SYS OPR-MNT	31F10	PFC													Single positions in a Co Hq or Plt Hq section.
27	SWITCH SYS OPR-MNT	31F10	SPC													1. All positions in SRC 06 or 08 units. 2. All positions in a maintenance section. 3. Subsequent positions also graded SPC.
28	RANGE EXTENSION OPR	31F10	SPC													Operation and maintenance of a SMART-T terminal. Subsequent positions also graded PFC.

**Table 10-31F-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
29	EAC OPERATOR	31F1O	SPC												1. To operate an Emergency Action Console (EAC). 2. Subsequent positions also graded SPC.
30	SWITCH SYS SUPV	31F3O	SSG												Principal NCO in a maintenance section of four or more MOS 31F maintainers.
31	SCC OPR-MAINTAINER	31F3O	SSG												1. Operate and maintain tactical communications network control facilities. 2. Subsequent positions also graded SSG.
32	PLANS/OPERATIONS NCO	31F3O	SSG												1. Performs electronic switching or MSE systems planning and operation functions in: a. Signal Bn or higher echelon signal organization or ASC or equivalent. b. Major Army Cmd (MACOM) Hq. c. U.S. and non-U.S. joint and combined commands having a signal staff or element. d. EAC Contingency Co. 2. Subsequent positions also graded SSG.
33	SECTION CHIEF	31F3O	SSG												Principal NCO in section composed of both electronic switching system and wire installation personnel, if no 31W section supervisor is authorized.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-31F-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	SWITCH SYS OPR-MNT	31F1O	PFC	1	1	1	2	2							1. Operation and maintenance of automatic switchboards, electronic switching systems, "red switch" equipment, or telephone central offices. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	SWITCH SYS OPR-MNT	31F1O	SPC	1	1	1	2	2	2						
3	SR SWITCH SYS OPR-MNT	31F2O	SGT			1	1	1	1						
4	SWITCH SYS SUPV	31F3O	SSG							1					
5	SWITCH SYS OPR-MNT	31F1O	SPC	1	1	2									Operation and maintenance functions in the electronic switch section of a Joint Communication Support Element.
6	SWITCH SYS SUPV	31F3O	SSG		1	1									
7	NODE SWITCH OPR-MNT	31F1O	SPC	1	1	2	2								1. Operation and maintenance of Node Center or Large Extension Node Switch. 2. For Team Chief, see MOS 31W.
8	SR NODE SWITCH OPR-MNT	31F2O	SGT		1	1	1								
9	NODE SWITCH SUPV	31F3O	SSG					1							
10	EXT SWITCH OPR-MNT	31F1O	PFC		1	1									Operation and maintenance of a Mobil Subscriber Equipment (MSE) Small Extension Node Switch.
11	EXT SWITCH OPR-MNT	31F1O	SPC	1	1	1									
12	EXTENSION SWITCH SUPV	31F2O	SGT				1								
13	MGMT SHELTER OPR-MNT	31F1O	PFC												1. Operate and maintain the AN/TSQ-154 MSE Node Management Facility. 2. Subsequent positions also graded PFC.

**Table 10-31F-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
14	EAC OPERATOR	31F2O	SPC												1. Operate an Emergency Action Console (EAC) at designated ASC sites. 2. Subsequent positions also graded SPC.
15	SCC OPR-MNT	31F3O	SSG												1. Operation and maintenance of tactical communications network control facilities. 2. Subsequent positions also graded SSG.
16	CONSOLE CONTROL- LER	31F3OJ7	SSG												White House Communication Agency (WHCA). Subsequent positions also graded SSG.
17	CONSOLE SUPERVI- SOR	31F3O 31F3OJ7	SSG												WHCA. Subsequent positions also graded SSG.
18	PLANS/OPERATIONS NCO	31F3O	SSG												1. Perform electronic switching or MSE systems planning and operation functions in: a. A Signal Battalion or higher echelon Signal organization or ASC or equivalent. b. Hq, Major Army Cmd (MACOM). c. U.S. Army Field Operating Agencies. d. U.S. and non-U.S. Joint and Combined Commands having a signal staff or element. 2. Subsequent positions also graded SSG.
19	SECTION CHIEF	31F3O	SSG												1. Principal NCO in a section composed of both electronic switching system and wire installation personnel, when a MOS 31W supervisor is not authorized in the paragraph. 2. Secure Voice Ops Sys, WHCA.
20	SWITCHING STAFF NCO	31F3O	SSG												1. Staff sections performing combat development, force modernization, and other directed staff functions at the U.S. Army Signal Center. 2. Subsequent positions also graded SSG.
21	TRAINING NCO	31F3O	SSG												Voice Ops Branch, WHCA.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-31L-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts/lowers and carries 100pounds. 2. Frequently lifts 50 pounds. 3. Frequently climbs poles and trees to a height of 40 feet and works at that height for extended periods of time. 4. Must possess finger dexterity in both hands.
2	1, 2, 3, 4	
3	2, 4	

**Table 10-31L-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	CABLE SYS INSTL-MNT	31L10	PFC		1	1	1	1	2	2						1. Grading pattern will be applied to cumulative positions within the paragraph.
2	CABLE SYS INSTL-MNT	31L10	SPC		1	1	1	2	2	2	2					2. Cable and Wire Company (Co), Echelon Above Corps (EAC) Signal units.
3	SR CABLE SYS INSTL-MNT	31L20	SGT			1	1	1	1	2						
4	CABLE SYS TEAM CHIEF	31L30	SSG					1	1	1						
5	CABLE SYS INSTL-MNT	31L10	PFC		1	1	1	1	2							Signal (Sig) units Echelon Corps and below.
6	CABLE SYS INSTL-MNT	31I10	SPC		1	1	1	1	2	2						
7	SR CABLE SYS INSTL-MNT	31L20	SGT			1	1	1	1							
8	CABLE SYS TEAM CHIEF	31L30	SSG					1	1	1						
9	CABLE SYS INSTL-MNT	31L10	PFC			1										1. Grading pattern will be applied to within the same paragraph. See line 17 for Section Chief.
10	CABLE SYS INSTL-MNT	31L10	SPC		1	1										2. Field Artillery units.
11	CABLE SYS TEAM CHIEF	31L20	SGT		1	1	1									3. Corps Theater ADP Service Center II (CTASC II).
12	ANTENNA INSTL-MNT	31L10F2	PFC				1	1	2	2						4. Grading pattern will be used for all positions not specifically identified in any other line.
13	ANTENNA INSTL-MNT	31L10F2	SPC		1	1	1	1	1	2						Grading pattern will be applied to cumulative positions within the same paragraph.
14	ANTENNA TEAM CHIEF	31L20F2	SGT		1	1	1	1	1							
15	ANTENNA SYS SUPV	31L30F2	SSG				1	1	1							
16	CABLE SYS SPLICER	31L10F6	PFC				1	1	2							Grading standard will be applied to cumulative positions within the same paragraph.
17	CABLE SYS SPLICER	31L10F6	SPC		1	1	1	1	2	2						
18	SR CABLE SYS SPLICER	31L20F6	SGT		1	1	1	1	1							
19	CABLE SYS TEAM CHIEF	31L30F6	SSG			1	1	1	1							
20	VEHICLE DRIVER	31L10	PFC													
21	SECTION CHIEF	31L30	SSG													Supervise two or more wire teams.
22	WIRE SYS PLANS NCO	31L30	SSG													Corps and Echelon Above Corps (EAC) Signal Office.
23	WIRE OPERATIONS NCO	31L30	SSG													Cable system planning in the Operations Sec of a Division or higher staff element.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-31L-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
1	CABLE SYS INSTL-MNT	31L10	PFC		1	1	1	2	2	2							1. Grading pattern will be applied to cumulative positions within the paragraph.
2	CABLE SYS INSTL-MNT	31L10	SPC		1	1	1	2	2	2	2						2. One team chief in grade SSG per wire team when a team is comprised of both military and civilian positions.
3	SR CABLE SYS INSTL-MNT	31L20	SGT			1	1	1	1	2							3. Grading pattern will be used for all positions not specifically identified in any other line.
4	CABLE SYS TEAM CHIEF	31L30	SSG						1	1							
5	ANTENNA INSTL-MNT	31L10F2	PFC		1	1	1										Grading pattern will be applied at team levels within same paragraph.
6	ANTENNA INSTL-MNT	31L10F2	SPC		1	1	1	1									
7	SR ANTENNA INSTL-MNT	31L20F2	SGT			1	1										
8	ANTENNA TEAM CHIEF	31L30F2	SSG					1									
9	CABLE SYS SPLICER	31L10F6	PFC			1	1										Grading pattern will be applied at team levels within same paragraph.
10	CABLE SYS SPLICER	31L10F6	SPC		1	1	1	1									
11	SR CABLE SYS SPLICER	31L20F6	SGT		1	1	1										
12	CABLE SYS TEAM CHIEF	31L30F6	SSG					1									
13	CABLE SYS TEAM CHIEF	31L30	SSG														Principal NCO in a cable sys installation-maint team comprised of both military and civilian personnel.
14	CABLE OPERATIONS NCO	31L30F6	SSG														Implementation Det, USA Information Sys Engineering Cmd.
15	CONSOLE CONT OPR/SUPV	31L30J7	SSG														White House Communications Agency (WHCA). Subsequent positions also graded SSG.
16	ASST SECTION CHIEF	31L30J7	SSG														Non-secure Voice Ops Sys, WHCA.
17	SECTION CHIEF	31L30	SSG														Supervise two or more wire teams.
18	OUTSIDE PLANT COORD	31L30	SSG														Supervisor of outside plant comprised of 3 or more civilian and/or military personnel.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-31P-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts/lowers and carries 80 pounds. 2. Occasionally lifts/lowers and carries 35 pounds. 3. Frequently reads complex schematic diagrams. 4. Must possess finger dexterity in both hands.
2	1, 2, 3, 4	
3	1, 2, 3, 4	
4	3, 4	

**Table 10-31P-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	MWAVE OPR-MAINTAINER	31P1O	PFC			1	1	2	2	2	2	3	3		1. Operate and maintain microwave systems, relays, and terminals.
2	MWAVE OPR-MAINTAINER	31P1O	SPC	1	1	1	2	2	2	2	3	3	3		2. Grading pattern will be applied cumulatively to all positions in paragraph.
3	MWAVE TEAM CHIEF	31P2O	SGT		1	1	1	1	1	2	2	2	3		3. Grading pattern will be used for all positions not specifically identified in any other line.
4	MWAVE SUPERVISOR	31P3O	SSG						1	1	1	1	1		4. Grading pattern will not be used to augment C-E facilities.
5	CIRCUIT CONTROLLER	31P1O	PFC			1	1	2	2						1. Operate and maintain technical control centers and facilities.
6	CIRCUIT CONTROLLER	31P1O	SPC	1	1	1	2	2	2						2. Positions in Joint Microwave/Technical Control Facility sections will be graded per lines 1-4.
7	CKT CONTROL TM CHIEF	31P2O	SGT		1	1	1	1	1						3. Grading pattern will be applied cumulatively to all positions in a paragraph.
8	CIRCUIT CONTROL SUPV	31P3O	SSG						1						
9	HIGH PWR RDO OPR-MNT	31P1OC6	PFC			1									1. Operate and maintain high power HF radio systems.
10	HIGH PWR RDO OPR-MNT	31P1OC6	SPC	1	1	1									2. Grading pattern will be applied cumulatively to all positions in a paragraph.
11	HIGH PWR RDO TM CHIEF	31P2OC6	SGT		1	1									3. Supervisor see line 22.
12	HIGH PWR RDO OPR-MNT	31P1SC6	SPC			1									1. Operate and maintain HF multichannel radio systems in a Special Ops Cmd (SOCOM) Signal Battalion.
13	HIGH PWR RDO OPR-MNT	31P2SC6	SGT	1	1	1									2. Positions will be coded with SQL S.
14	HIGH PWR RDO TM CHIEF	31P3SC6	SSG		1	1									
15	SYSCON CONTROLLER	31P1O	SPC			1	2	2	2	3	4	4			Theater System Control/Theater Critical Control Center (TSYSCON/TCCC).
16	SYSCON CONTROLLER	31P2O	SGT						1	2	2	2	3		
17	SR SYSCON CONTROLLER	31P3O	SSG		1	2	2	2	2	2	2	2	2		
18	SYSCON NCO	31P4O	SFC	1	1	1	1	1	1	1	1	1	1		
19	MWAVE OPR-MAINTAINER	31P1O	SPC												C&E Sect, Corp/Div Area Sig Bn. One subsequent position also graded SPC. Remaining positions graded PFC.
20	TRAINING COORDINATOR	31P2O	SGT												1. Principal training coordinator in: a. Signal Co. b. Hq, Signal Bn. 2. Use in MTOE authorization documents only.
21	CIRCUIT OPERATIONS SGT	31P3O	SSG												1. Operations branch, section, division, or element of a: a. Signal Bn. b. DCS Signal Co. 2. Subsequent positions graded SGT. 3. Not authorized when line 23 is used in a DCS Co.
22	HIGH POWER RADIO SUPV	31P3OC6	SSG												Supervise five or more High Power Radio operation/maintenance personnel.
23	MWAVE OPERATIONS SGT	31P3O	SSG												1. Operations branch, section, division, or element of a: a. Signal Bn. b. DCS Signal Co. 2. Subsequent positions graded SGT. 3. Not authorized with Line 21 for a DCS Co.

**Table 10-31P-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
24	TECH INSP/QUAL CONT	31P3O	SSG												1. Quality Assurance or Quality Control Section or element in a company level organization primarily engaged in Signal maintenance. 2. C-E Intel Plt, MI Co Tech Intel. 3. Tech Eval Sect in: a. Theater Critical Control Ctr (TCCC). b. Hq, Major Army Cmd (MACOM). c. U.S. Army Field Operating Agency (FOA).
25	MWAVE MANAGE- MENT NCO	31P4O	SFC												1. Branch, section, division, or element of a Signal Brigade or higher level Signal organization. 2. Subsequent positions graded SSG.
26	CIRCUIT MANAGE- MENT NCO	31P4O	SFC												1. Signal Ops or Signal Control branch of a Signal Brigade or higher level Signal organization. Subsequent positions graded SSG. 2. CSCE ISYSCON Br, Theater Signal Command. Subsequent positions graded SFC. 3. Operations Section of a SOCOM Signal Battalion.
27	MAINTENANCE CHIEF	31P4O	SFC												1. Maintenance Section of a: a. Light Equip Maint Co. b. Lt or Hvy TROPO Sig Co. c. Minor Node Sig Co. 2. Maint Div, Theater Sig Cmd. 3. C&E Maint Br, MMC, TA. 4. Microwave or Circuit Control operations/maintenance element consisting of 15 or more personnel. 5. Each company of a tactical EAC Sig Bn and Theater Tactical Sig Bde.
28	PLATOON SERGEANT	31P4O	SFC												Principal NCO in a Signal platoon.
29	DDN OPS NCO	31P4O	SFC												Defense Data Network Operations NCO. Second position graded SSG, subsequent positions graded SGT.
30	NETWORK OPS CHIEF	31P4O	SFC												DCS Restoral Section of the Tactical Installation and Networking Company.
31	DETACHMENT SER- GEANT	31P4O	SFC												Principal NCO in a Signal Detachment.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-31P-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	MWAVE OPR-MAIN- TAINER	31P1O	PFC			1	1	2	2	2	2	3	3		1. Operate and maintain microwave systems, relays, and terminals.
2	MWAVE OPR-MAIN- TAINER	31P1O	SPC	1	1	1	2	2	2	2	3	3	3		2. Grading pattern will be applied cumulatively to all positions in paragraph. 3. Grading pattern will be used for all positions not specifically identified in any other line.
3	MWAVE TEAM CHIEF	31P2O	SGT	1	1	1	1	1	2	2	2	3			4. Grading pattern will not be used to augment C-E facilities.
4	MWAVE SUPERVISOR	31P3O	SSG						1	1	1	1	1		

**Table 10–31P–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
5	CIRCUIT CONTROL- LER	31P1O	PFC			1	1	2	2							1. Operate and maintain technical control centrals and facilities. 2. Grading pattern will be applied cumulatively to all positions in a section.
6	CIRCUIT CONTROL- LER	31P1O	SPC	1	1	1	2	2	2							3. Positions in joint Microwave/Technical Control Facilities will be graded per lines 1-4.
7	CKT CONTROL TM CHIEF	31P2O	SGT		1	1	1	1	1							
8	CIRCUIT CONTROL SUPV	31P3O	SSG							1						
9	HIGH PWR RDO OPR- MNT	31P1OC6	PFC				1									1. To operate and maintain high power HFradio systems. 2. Grading pattern will be applied cumulatively to all positions in a paragraph.
10	HIGH PWR RDO OPR- MNT	31P1OC6	SPC	1	1	1										3. Supervisor see line 22.
11	HIGH PWR RDO TM CHIEF	31P2OC6	SGT		1	1										
12	TST SYS TECH	31P1OC6	PFC				1	2	3	4						Joint Cmd Sig Element (JCSE) multi-service terrestrial team.
13	TST SYS TECH	31P1OC6	SPC			1	1	1	1	1						
14	TST SYS SR TECH	31P2OC6	SGT		1	1	1	1	1	1						
15	TST SYS TM CHIEF	31P3OC6	SSG	1	1	1	1	1	1	1	1					
16	NETWORK CONTROL TECH	31P1OC4	PFC				1	2	3	4						JCSE multi-service network team.
17	NETWORK CONTROL TECH	31P1OC4	SPC		1	1	1	1	1							
18	NETWORK CONTROL TM CH	31P3OC4	SSG	1	1	1	1	1	1	1						
19	CIRCUIT OPERATOR	31P1O	SPC													White House Communications Agency (WHCA). Subsequent positions also graded SPC.
20	TRAINING NCO	31P2O	SGT													Separate Signal Co/DCS
21	CIRCUIT OPERATIONS SGT	31P2O	SGT													Branch, section, division, or element of: a. Signal Battalion. b. WHCA. Subsequent positions also graded SGT. c. Support Operations Branch, USA ISMA. d. USAG Carlisle Barracks. e. USAD Inf Sys Agency. f. Lab Army Research (second position also graded SGT). g. Hq, AFCE. h. Hq, AFSOUTH. i. USA Elm ALFSEE.
22	HIGH POWER RADIO SUPV	31P3OC6	SSG													Supervise five or more High Power Radio Operations & Maintenance personnel.
23	MWAVE OPERATIONS SGT	31P3O	SSG													Operations branch, section, division, or element of: a. Signal Battalion. b. Hq, Major Army Cmd (MACOM). c. USA Field Operating Agency (FOA). c. WHCA.
24	TECH INSP/QUAL CONT	31P3O	SSG													1. Quality Assurance or Quality Control section or element in a company level organization primarily engaged in Signal maintenance. 2. Hq, MACOM. 3. USA FOA.
25	CONSOLE CONT OP- ERATOR	31P3OJ7	SSG													WHCA. Subsequent positions also graded SSG.
26	TECH CONTROL NCO	31P3O	SSG													
27	NETWORK CONTROL TECH	31P3O	SSG													TSU Network Ops Br, WHCA. First subsequent position graded SGT, remaining positions graded SPC.

**Table 10–31P–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
28	MWAVE MANAGE- MENT NCO	31P4O	SFC												1. Operations branch, section, division, or element support microwave operations of a TDA Signal Battalion or higher level Signal organization. 2. Hq, MACOM. 3. USA FOA. 4. Subsequent positions also graded SFC.
29	CIRCUIT MANAGE- MENT NCO	31P4O	SFC												1. Operations branch, section, division, or element of a TDA Signal Brigade or higher level Signal organization. Subsequent positions graded SSG. 2. Hq, MACOM. Subsequent positions also graded SFC. 3. USA FOA. Subsequent positions also graded SFC. 4. Single Agency Management, Pentagon. Subsequent positions graded SGT. 5. WHCA. a. Tel Cert Ofc. First subsequent position graded SSG, remaining positions graded SPC. b. Radio Sys Unit. Three subsequent positions graded SSG, remaining positions graded SGT. c. Audio/Visual Sect. 6. Ft Bragg Det, 1110th Sig Bn.
30	NETWORK COORDI- NATOR	31P4O	SFC												Defense Information System Agency (DISA). Two subsequent positions graded SSG, remaining positions graded SGT.
31	CONTINGENCY OPS NCO	31P4O	SFC												Contingency Ops Br, DISA. Subsequent positions graded SSG.
32	SECTION CHIEF	31P4O	SFC												Microwave or circuit control branch, section, division, or element of 18 or more personnel in a TDA Signal Battalion or higher level Signal organization.
33	PLATOON SERGEANT	31P4O	SFC												Principal NCO in a Signal platoon.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–31R–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts and carries 265 pounds as part of a 3 soldier team (prorated 85 pounds). 2. Must possess finger dexterity in both hands. 3. Must be able to hear a wide range of sound frequencies. 4. Frequently speaks into a microphone.
2	1, 2, 3, 4	
3	1, 2, 3, 4	

**Table 10–31R–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	XMSN SYS OPR-MNT	31R1O	PFC			1										1. Operation of Line of Sight (LOS) multichannel radio transmission equipment in: a. 1st, 3rd, 5th or 7th team in a section.
2	XMSN SYS OPR-MNT	31R1O	SPC	1	1	1										b. Extension Node Radio section of an Echelon Above Corps (EAC) Signal Battalion.
3	SR XMSN SYS OPR-MNT	31R2O	SGT		1	1										2. Grading pattern will be applied to all positions within a paragraph or section. 3. Grading pattern will be used for all positions not specifically identified in any other line.
4	XMSN SYS OPR-MNT	31R1O	PFC			1										Teams to operate Line of Sight (LOS) Multichannel radio transmission equipment in the 2d, 4th, 6th or 8th team in a section.
5	XMSN SYS OPR-MNT	31R1O	SPC	1	1	1										
6	XMSN SYS TEAM CHIEF	31R3O	SSG		1	1										
7	XMSN SYS OPR-MNT	31R1O	PFC			1	1									Operates Line-of-sight (LOS) multichannel transmission systems equipment in the contingency communications sections of Airborne, Air Assault, or Light Infantry Division Signal battalions.
8	XMSN SYS OPR-MNT	31R1O	SPC	1	1	1	1									
9	SR XMSN SYS OPR-MNT	31R2O	SGT		1	1	1									
10	XMSN SYS TEAM CHIEF	31R3O	SSG				1									
11	FES RADIO OPR-MNT	31R1O	PFC		1											Operates radio equipment of a Force Entry Switch (FES) or Light Forces Contingency Communications Extension Switch in the Contingency Communications sections of Airborne, Air Assault, or Light Infantry Division Signal Bns.
12	FES RADIO OPR-MNT	31R1O	SPC	1	1											
13	RAU OPR-MAINTAINER	31R1O	SPC	1	1	2										Operates Radio Access Units (RAU) in: a. ANode Center section.
14	SR RAU OPR-MAINTAINER	31R2O	SGT		1	1										b. Extension Node Radio Section of an Echelon Above Corps Signal Battalion.
15	RAU OPR-MAINTAINER	31R1O	SPC	1	1	1										Operate RAU when lines 13-14 do not apply.
16	SR RAU OPR-MAINTAINER	31R2O	SGT		1	1										
17	RAU TEAM CHIEF	31R3O	SSG			1										
18	TROPO OPR-MAINTAINER	31R1O	SPC	1	1	2	2									1. Teams to operate light and heavy Tropospheric Scatter radio transmission systems.
19	SR TROPO OPR-MAINTAINER	31R2O	SGT		1	1	2									2. Light teams consist of three members, heavy teams consist of 4 members. 3. Grading pattern will be applied to each team.
20	VEHICLE DRIVER	31R1O	PFC													
21	XMSN SYS SECTION CHIEF	31R3O	SSG													Supervises all Multichannel Transmission Systems operations in: a. Multichannel Section if no MOS 31W Section Chief is assigned, and there are no other MOS 31R SSG positions in the section. b. Radio Relay Section. c. Comm Relay Section in the HHB of a PATRIOT ADA Battalion. d. Light Comm Section of a Division Signal Battalion or a Forced Entry Signal Detachment.
22	TROPO TEAM CHIEF	31R3O	SSG													Performs planning of Troposcatter Transmission systems in the Operations Section of an Army Signal Command Tropo Company. Subsequent positions graded SPC.
23	XMSN SYS OPS NCO	31R3O	SSG													1. Staff sections performing Mutichannel/TROPO Transmission Systems operations, maintenance, planning, or other staff functions if MOS 31W is not authorized. 2. System Maintenance Section of a HAWK Battalion. 3. Subsequent positions also graded SSG.

**Notes:**

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-31R-3**  
**Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	XMSN SYS OPR-MNT	31R10	PFC			1										1. Grading the 1st, 3rd, 5th and 7th team in a section. Teams operate Line of Sight (LOS) Multichannel radio transmission equipmnt.
2	XMSN SYS OPR-MNT	31R10	SPC	1	1	1										2. Grading pattern will be used for all positions not specifically identified in any other line.
3	SR XMSN SYS OPR-MNT	31R20	SGT			1	1									
4	XMSN SYS OPR-MNT	31R10	PFC					1								Grading the 2d, 4th, 6th, 8th team in a section. Teams operate Line of Sight (LOS) Multichannel radio transmission equipment.
5	XMSN SYS OPR-MNT	31R10	SPC	1	1	1										
6	XMSN SYS TEAM CHIEF	31R30	SSG			1	1									
7	RAU OPR-MAINTAINER	31R10	SPC	1	1	1										1. Operate radio access units. (RAU) in sections other than Node Centers.
8	SR RAU OPR-MAINTAINER	31R20	SGT			1	1									2. Grading pattern will be applied to all positions within a section.
9	RAU TEAM CHIEF	31R30	SSG			1	1	1	1	1						
10	RAU OPR-MAINTAINER	31R10	SPC	1	1	2										Operate Radio Access Units (RAU) in a Node Center Section.
11	SR RAU OPR-MAINTAINER	31R20	SGT			1	1									
12	VEHICLE DRIVER	31R10	PFC													
13	CONSOLE OPR/SUPV	31R30	SSG													White House Communications Agency (WHCA). Subsequent positions also graded SSG.
14	XMSN SYS OPS NCO	31R30	SSG													1. Staff sections performing Multichannel/TROPO Transmission Systems operations, maintenance, planning, or other staff functions if MOS 31W is not authorized. 2. MSL Com/Elec Tm, NTC. 3. Ops Exercise Br, Hq FORSCOM. One subsequent position also graded SSG. 4. Ft Monroe JOIN Sec, USAE Joint Test Act. 5. WP Tech Spt (DCSOPS) Sec, Hq USAREUR Aug. 6. C4I Spt Sec, USA Space Cmd. One subsequent position graded SGT. 7. Full Time Support to a Reserve Component organization.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional lines(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-31S-1**  
**Physical requirements**

Skill level	Task numbers	Tasks
1	1,2,3,4	1. Occasionally lifts/lowers and carries 140 pounds as part of a 2 soldier team (prorated 70 pounds per soldier). 2. Occasionally lifts/lowers and carries 50 pounds. 3. Frequently reads complex schematic diagrams. 4. Must possess finger dexterity in both hands.
2	1,2,3,4	
3	1,2,3,4	
4	3,4	

**Table 10-31S-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	SATCOM SYS OPR-MNT	31S10	PFC	1	1	1	2	2	2	3	3	3	3	1. Grading pattern will be applied cumulatively to all positions in a paragraph. 2. Grades of additional positions will be in same pattern. 3. Grading pattern will be used for all positions not specifically identified in any other line.
2	SATCOM SYS OPR-MNT	31S10	SPC	1	1	1	2	2	3	3	3	3	4	
3	SR SATCOM SYS OPR-MNT	31S20	SGT		1	1	1	1	1	1	2	2		
4	SATCOM SYS SUPERVISOR	31S30	SSG						1	1	1	1		
5	TACSAT SYS OPR-MNT	31S10	PFC	1	1									1. Teams operating the AN/TSC93() Tactical Satellite terminal in a Division or Corps Signal Co. 2. Teams operating the AN/TSC93 or AN/TSC-85 Tacitcal Satellite terminal in Echelon Above Corps (EAC) Co.
6	TACSAT SYS OPR-MNT	31S10	SPC	1	1	1								
7	TACSAT SYS TEAM CHIEF	31S20	SGT		1									
8	TACSAT SYS OPR-MNT	31S10	PFC	1	1									Teams operating the AN/TSC85() Tactical Satellite terminal in a Division or Corps Signal Co.
9	TACSAT SYS OPR-MNT	31S10	SPC	1	1	1								
10	TACSAT SYS TEAM CHIEF	31S30	SSG		1									
11	TACSAT SYS OPR-MNT	31S10	SPC		1									1. Teams operating the AN/TSC85() and AN/TSC-93() Tactical Satellite terminals in a Special Operations Cmd (SOCOM) Signal Battalion. 2. Positions will be coded with SQI of S.
12	TACSAT SYS OPR-MNT	31S20	SGT	1	1	1								
13	TACSAT SYS TEAM CHIEF	31S30	SSG		1	1								
14	MILSTAR/MI TML OPR-MNT	31S10	PFC	1	1	1	2	2	2	3	3	4		MILSTAR Command Post and MI Section.
15	MILSTAR/MI TML OPR-MNT	31S10	SPC	1	1	1	2	2	2	3	3	4	4	
16	MILSTAR/MI SR OPR-MNT	31S20	SGT		1	1	1	1	1	1	1	1		
17	MILSTAR/MI TEAM CHIEF	31S30	SSG					1	1	1	1	1		
18	TACSAT SYS MAINTAINER	31S10	PFC	1	1	2	2	3	3	4	4	5		TACSAT Maintenance Sections. Excluding those positions coded P or S.
19	TACSAT SYS MAINTAINER	31S10	SPC	1	1	2	2	3	3	4	4	5	5	
20	VEHICLE DRIVER	31S10	PFC											
21	SATCOM TRAINING NCO	31S20	SGT											EAC TACSAT Signal Co.
22	SATCOM CONTROL NCO	31S20	SGT											Corp satellite liasion NCO. First subsequent position will be graded as SGT all additional positions will be graded SPC.
23	SATCOM MAINTENANCE NCO	31S30	SSG											Supervision of satellite maintenance functions in a satellite communications facility.
24	SATCOM OPNS NCO	31S30	SSG											Supervision of satellite operation functions in a multi-terminal facility.
25	SATCOM CHIEF	31S30	SSG											Principal NCO in a SATCOM facility consisting of less than 8 personnel. Additional positions will be graded per 1-4.
26	SECTION CHIEF	31S30	SSG											Principal satellite NCO in TACSAT section consisting of three to five terminals in a EAC TACSAT Signal Co. Not used in conjunction with line 30.
27	SATCOM TECH INSPECTOR	31S30	SSG											CE/COMSEC MAINT SEC. Will be graded IAW Table 3-21.

**Table 10-31S-2**  
Standards of grade TOE/MTOE—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
28	SATCOM TML CHIEF	31S4O	SFC													Principal NCO in a: a. SATCOM facility supervising 8 to 30 personnel performing operations and maintenance on satellite communications equipment. b. Terminal Chief of a AN/GSC49 or AN/TSC-86 terminal.
29	PLANS/OPNS NCO	31S4O	SFC													Principal NCO in a Strategic Company operations section engaged primarily in SATCOM.
30	SECTION CHIEF	31S4O	SFC													Principal satellite NCO in: a. AN/TSC-85 section, EAC TACSAT Signal Co, with three to five terminals. b. Signal section of a Corps or EAC Signal Unit with 35 or more CMF 31 soldiers. c. Imagery section, Collection and Processing Co.
31	SATCOM OPS NCO	31S4O 31S4O1C	SFC													Principal satellite operations supervisor in a: a. Signal/MI Bn or higher level organization involved in Satellite Communications operations. b. Signal TACSAT or EAC Contingency Signal Company. c. Subsequent positions graded SGT.
32	SATCOM SYS STAFF NCO	31S4O 31S4O1C	SFC													1. Signal Brigade or higher level headquarters for performance of staff functions in the operation and maintenance of satellite communications systems. 2. Subsequent positions graded SSG. 3. Positions associated with DSCS, DOCS and the Ground Control System will be coded with ASI 1C.
33	SIGNAL MAINT SUPV	31S4O	SFC													Principal NCO in a Signal Maint section supervising 5 to 30 personnel performing maintenance on signal unique equipment.
34	PLATOON SERGEANT	31S4O	SFC													Principal NCO in a Signal platoon.
35	DETACHMENT SER-GEANT	31S4O	SFC													Principal NCO of a Signal Detachment primarily engaged in strategic communications.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-31S-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	SATCOM SYS OPR-MNT	31S1O	PFC	1	1	1	2	2	2	3	3	3				1. Grading pattern will be applied cumulatively to all positions in a paragraph. 2. Grades of additional positions will be in the same pattern. 3. Grading pattern will be used for all positions not specifically identified in any other line.
2	SATCOM SYS OPR-MNT	31S1O	SPC	1	1	1	2	2	3	3	3	3	4			
3	SR SATCOM SYS OPR-MNT	31S2O	SGT			1	1	1	1	1	1	2	2			
4	SATCOM SYS SUPV	31S3O	SSG							1	1	1	1			
5	SATCOM CONTROLLER	31S1O1C	SPC					2		1	1	2	3			Grading pattern will be applied to the DCF of the Strategic Space Defense Command.
6	SR SATCOM CONTROLLER	31S2O1C	SGT				1	2	3	3	4	4	4			
7	SATCOM CONTROL SUPV	31S3O1C	SSG		1	2	2	2	2	2	2	2	2			
8	SAT CONTROL CHIEF	31S4O1C	SFC	1	1	1	1	1	1	1	1	1	1	1	1	

**Table 10-31S-3**  
**Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
9	TACSAT SYS OPR-MNT	31S1O	PFC	1	1											Teams operating the AN/TSC-93() Tactical Satellite terminal.
10	TACSAT SYS OPR-MNT	31S1O	SPC	1	1	1										
11	TACSAT SYS TEAM CHIEF	31S2O	SGT			1										
12	TACSAT SYS OPR-MNT	31S1O	PFC			1										Teams operating the AN/TSC-85() Tactical Satellite terminal.
13	TACSAT SYS OPR-MNT	31S1O	SPC	1	1	1										
14	TACSAT SYS TEAM CHIEF	31S3O	SSG	1	1											
15	MILSTAR/MI TML OPR-MNT	31S1O	PFC	1	1	1	2	2	2	3	3	4				1. MILSTAR Command Post and MI sections. 2. Grading pattern will be applied cumulatively to all positions in a paragraph.
16	MILSTAR/MI TML OPR-MNT	31S1O	SPC	1	1	1	2	2	2	3	3	4	4			
17	MILSTAR/MI SR OPR-MNT	31S2O	SGT		1	1	1	1	1	1	1	1	1			
18	MILSTAR/MI TEAM CHIEF	31S3O	SSG					1	1	1	1	1	1			
19	TACSAT SYS MAINTAINER	31S1O	PFC	1	1	2	2	3	3	4	4	5				1. TACSAT Maintenance sections. 2. Grading pattern will be applied cumulatively to all positions in a paragraph.
20	TACSAT SYS MAINTAINER	31S1O	SPC	1	1	2	2	3	3	4	4	5	5			
21	MSQ CONTROLLER	31S1O1C	PFC	1	1	1	2	2	2	3	3	3				1. AN/MSQ-114 section. 2. Grading pattern will be applied cumulatively to all positions in a paragraph.
22	MSQ CONTROLLER	31S1O1C	SPC	1	1	2	3	3	4	5	5	6	7			
23	GMF CONTROLLER	31S2O1C	SGT		1	1	2	3	4	5	6	7				1. Regional Space Support Centers (RSSC), USA Space Cmd. 2. Grading pattern will be applied cumulatively to all positions in a paragraph.
24	SR GMF CONTROLLER	31S3O1C	SSG		1	1	2	2	2	2	2	2	2			
25	GMF CONTROL SUPV	31S4O1C	SFC	1	1	1	1	1	1	1	1	1	1			
26	SATCOM CONTROLLER	31S1O1C	PFC				1	1	1	2	2	2				Grading pattern will be applied 1st SATCOM Bn.
27	SATCOM CONTROLLER	31S1O1C	SPC	1	2	3	3	3	3	4	4	4	5			
28	SR SATCOM CONTROLLER	31S2O1C	SGT			1	1	1	1	1	2	2				
29	SATCOM CONTROL SUPV	31S3O1C	SSG					1	1	1	1	1				
30	SATCOM TECH	31S1O	PFC													1. JCSE multiservice AN/TSC-93 TACSAT team. 2. Multiple teams within single paragraph graded by duty position only.
31	SATCOM TECH	31S1O	SPC													1. JCSE multiservice AN/TSC-85 TACSAT team. 2. Multiple teams within single paragraph graded by duty position only.
32	SATCOM CONTROL NCO	31S3O1C	SGT													1. For positions in Army Space Cmd Army space support teams. 2. Positions must be coded 31S2O1C. 3. First position graded SGT, second and subsequent positions graded SPC.
33	SR SATCOM TECH	31S2O	SGT													1. JCSE multiservice AN/TSC-93 TACSAT team. 2. Multiple teams within single paragraph graded by duty position only.
34	SATCOM TRAINING NCO	31S2O	SGT													Principal training NCO in a TDA Signal Co.

**Table 10-31S-3**  
**Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
35	SR SATCOM SYS OPR-MNT	31S2O	SGT												1. White House Communications Agency (WHCA). 2. Subsequent positions also graded SGT.
36	SATCOM TEAM CHIEF	31S3O	SSG												1. JCSE multiservice AN/TSC-85 TACSAT team. 2. Multiple teams within single paragraph graded by duty position only.
37	MSQ CONTROL NCO	31S3O1C	SSG												Supervision of AN/MSQ-114 MSQ controllers when a Platoon Sergeant is not present.
38	SATCOM OPNS NCO	31S3O	SSG												1. Separate Satellite Communications terminal section of TDA Signal Bn or higher level Signal organization. 2. USA Space Command Satellite Communications station or facility. 3. Separate Satellite Communications facility of the White House Communications Agency (WHCA). 4. Support Equipment Branch of USA ISMA. 5. Satellite communications facility consisting of two or more terminals.
39	SATCOM MAIN NCO	31S3O	SSG												Supervision of satellite maintenance functions in a multi-terminal satellite communication station or facility.
40	WIDEBAND SYS TECH	31S3O	SSG												WHCA. Subsequent positions graded SGT.
41	NETWORK CONTROLLER	31S3O	31S3O1C	SSG											1. USA Space Command Operations Center, subsequent positions also graded SSG. 2. WHCA. Subsequent positions graded SGT. 3. USA Defense Information Sys Agency (DISA). Subsequent positions also graded SSG.
42	CONSOLE CONT OPERATOR	31S3OJ7	SSG												WHCA. Subsequent positions also graded SSG.
43	SATCOM TECH INSP	31S3O 31S3OC4	SSG												For quality control in a SATCOM maintenance sec.
44	RDTE NCO	31S3O	SSG												1. Operations and Evaluation Sergeant in TECO. 2. Subsequent positions graded SGT.
45	SATCOM TML CHIEF	31S4O	SFC												Principal NCO in a.a. SATCOM Facility supervising 8 to 30 personnel performing operations and maintenance on satellite communications equipment. b. TML Chief of a AN/GSC-49 or AN/TSC-86 terminal.
46	SATCOM CHIEF	31S3O	SSG												Principal NCO in a SATCOM Facility consisting of less than 8 personnel.
47	SATCOM OPS CHIEF	31S4O 31S4O1C	SFC												Principal satellite operations supervisor in: a. TDA Signal or MI Bn or higher level organizations involved in Satellite Communications operations. b. A separate branch of USA Signal Cmd (USASC) or CECOM for management of Satellite Communications functions. c. USA Space Command Operations Center.
48	SR NETWORK CONTROLLER	31S4O 31S4O1C	SFC												1. Each NMC operating shift in the Army element of a Defense Network Systems organization. 2. USA Space Cmd Operations Ctr. One subsequent position also graded SFC. 3. USA Defense Information System Agency (DISA). Subsequent positions graded SSG.
49	SIGNAL MAINT SUPV	31S4O	SFC												Principal NCO in a Signal Maint sect supervising 5 to 30 satellite communications equipment maintenance personnel.
50	SATCOM STAFF NCO	31S4O 31S4O1C	SFC												1. Perform staff functions requiring technical expertise in the area of Satellite Communications in: a. TDA Signal Brigade. b. Army element of U.S. and non-U.S. joint, combined, unified, or specified commands having a multi-channel TACSAT or strategic satellite communications element. c. Signal operations element of a Major Command (MACOM), Corps, Army Headquarters, or USA Field Operating Agency. 2. One subsequent position also graded SFC. Remaining positions graded SSG.

**Table 10–31S–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
51	SIGNAL MAINT SUPV	31S4O	SFC													Principal NCO in a Signal maint shop supervising 5 to 30 personnel performing maintenance on Satellite Communications.
52	PLANS/OPNS NCO	31S4O	SFC													Principal NCO in a Strategic section engaged primarily in SAT-COM.
53	PLATOON SERGEANT	31S4O	SFC													Principal NCO in a Signal platoon.
54	DETACHMENT SER-GEANT	31S4O	SFC													Principal NCO in a Signal Detachment.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in 600-3) to support additional grading of manpower requirements.

**Table 10–31T–1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2, 3	<ol style="list-style-type: none"> <li>1. Must possess finger dexterity in both hands.</li> <li>2. Frequently reads complex schematic diagrams.</li> <li>3. Frequently writes to keep records and compiledata.</li> </ol>

**Table 10–31T–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	MWAVE SYSTEMS CHIEF	31T5O	MSG	Supervise a separate branch, section, or facility consisting of 18 or more personnel engaged in the installation, operation, and maintenance of microwave communications systems.
2	TECH CONTROL CHIEF	31T5O	MSG	Supervise a separate branch, section, or facility engaged in technical control operations.
3	STATION CHIEF	31T5O	MSG	Principal NCO of a combined satellite, microwave, and/or technical control communications facility composed of a combined total of 40 or more personnel.
4	SATCOM SYSTEMS CHIEF	31T5O	MSG	Principal NCO of a separate satellite communications facility or station composed of 31 or more personnel.
5	SAT/MW OPNS CHIEF	31T5O 31T5O1C	MSG	<ol style="list-style-type: none"> <li>1. Principal satellite, technical control or microwave communication systems operations, planning or logistics NCO in a Signal Brigade or higher level organization staff.</li> <li>2. Subsequent positions graded SFC in appropriate MOS 31P/31S.</li> </ol>
6	C&E MAINT CHIEF	31T5O 31T5O1C	MSG	Principal maintenance NCO in a Army Signal Cmd (ASC) G4 forward section.
7	FIRST SERGEANT	31T5M	1SG	Principal NCO of: <ol style="list-style-type: none"> <li>a. Defense Communications System (DCS) Operations company primarily engaged in strategic communications.</li> <li>b. Signal company primarily engaged in satellite communications.</li> </ol>

Notes:

1. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–31T–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	MWAVE SYSTEMS CHIEF	31T5O	MSG	Supervise a separate branch, section, or facility consisting of 18 or more personnel engaged in the installation, operation, and maintenance of microwave communications systems.
2	TECH CONTROL CHIEF	31T5O	MSG	Supervise a separate branch, section, or facility engaged in technical control operations.
3	STATION CHIEF	31T5O	MSG	Principal NCO of a separate satellite, microwave, and/or technical control communications facility composed of a combined total of 40 or more personnel.
4	SATCOM SYSTEMS CHIEF	31T5O	MSG	Principal NCO of: a. Separate satellite communications facility or station composed of 31 or more personnel. b. DCF of the Strategic Space Defense Cmd.
5	SAT/MW OPNS CHIEF	31T5O 31T5O1C	MSG	1. Principal satellite, technical control or microwave communication systems operations, planning or logistics NCO in: a. Army element of U.S. and non-U.S. joint, combined, unified or specified commands engaged in satellite or microwave communications. b. Separate operations elements of Major Army Commands (MACOM), U.S. Army Field Operating Agencies (USAFOA) or the White House Communications Agency (WHCA). 2. Subsequent positions graded SFC in appropriate MOS 31P/31S.
6	SAT/MW STAFF NCO	31T5O 31T5O1C	MSG	Perform staff functions requiring technical expertise in the area of satellite, technical control, and/or communications systems in: a. Army element of joint, combined, unified or specified commands engaged in satellite, technical control or microwave communications. b. Separate operations elements of MACOM, USAFOA or WHCA.
7	FIRST SERGEANT	31T5M	1SG	Principal NCO of: a. Defense Communications System (DCS) Operations company primarily engaged in strategic communications. b. Signal company primarily engaged in satellite communications. c. Student company at U.S. Army Signal Center and Fort Gordon primarily engaged in the training of microwave/satellite skills.
8	SR CAREER ADVISOR	31T5O 31T5O1C	MSG	Career advisor in the Enlisted Signal Br, PERSCOM.
9	SATCOM ANALYST	31T5O1C	MSG	TRADOC Sys Mgmt Ofc. Position must be coded 1C.

Notes:

- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional manpower grading requirements.

**Table 10–31U–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts 150 pounds a feet, as part of a two person team.
2	1, 2, 3, 4, 5	2. Must possess normal color vision.
3	1, 2, 3, 4, 5	3. Must possess finger dexterity in both hands.
4	2, 3, 4, 5	4. Must be able to hear a wide range of sound frequencies.
5	2, 3, 4, 5	5. Frequently speaks into a microphone.

**Table 10–31U–2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	RADIO RETRANS OPR	31U1O	PFC	1	1											1. Grading standard will be applied at team levels within the same paragraph.
2	RADIO RETRANS OPR	31U1O	SPC	1	1	1										2. Units with FM radio retransmission systems equipment.
3	TEAM CHIEF	31U2O	SGT			1										3. Grading pattern will be used for all positions not specifically identified in any other line.
4	S/C TACSAT ATDNT/ MAINT	31U1O	PFC	1	1											Grading standard will be applied at team levels. For use in Force Entry units of XVIII Abn Corps Sig Bns only.
5	S/C TACSAT ATDNT/ MAINT	31U1O	SPC	1	1	1										
6	S/C TACSAT TEAM CHIEF	31U2O	SGT			1										
7	ASSAULT VEH ATDNT/ MAINT	31U1O	PFC	1	1											Grading standard will be applied at team levels. For use in Force Entry units of XVIII Abn Corps Sig Bns only.
8	ASSAULT VEH ATDNT/ MAINT	31U1O	SPC	1	1	1										
9	ASSAULT VEH TEAM CHIEF	31U2O	SGT			1										
10	HF RADIO ATDNT/ MAINT	31U1O	PFC	1	1											Grading standard will be applied at team levels. For use in Force Entry units of XVIII Abn Corps Sig Bns only.
11	HF RADIO ATDNT/ MAINT	31U1O	SPC	1	1	1										
12	HF RADIO TEAM CHIEF	31U2O	SGT			1										
13	SIGNAL SPT SYS MAINT	31U1O	PFC	1	1	1										Grading standard will be applied cumulatively to all positions within a paragraph.
14	SIGNAL SPT SYS MAINT	31U1O	SPC	1	1	1	1									
15	SR SIG SPT SYS MAINT	31U2O	SGT			1	1									
16	SIGNAL SPT SYS SUPV	31U3O	SSG			1										
17	VEHICLE DRIVER	31U1O	PFC													
18	SIGNAL SUPPORT SYS SP	31U1O	PFC													One position per Tactical operations center or tactical command post.
19	SIGNAL INFO SVC SP	31U1O	SPC													One position per battalion (Bn), squadron (Sqdn) or brigade (Bde), HHC. Not for use in SRC series 03, 11, 17, 77 and 87.
20	FORWARD SIGNAL SPT SP	31U1O	SPC													One position per a forward deployed (Fwd Dep) company (Co), battery (Btry) or troop (Trp) not listed in lines 21 and 22. Positions will be consolidated in the Bn, or Sqdn HHC, with exception of SRC series 10, 19, 34, 55, 63 or a separate company. Not for use in SRC 11 series.
21	FORWARD SIGNAL SPT NCO	31U2O	SGT													One position per Fwd Dep Co, Btry or Trp in SRC series 01, 05, 07, 09, 17, 31, 47, 57, 67, 77 and 87. Positions will be consolidated in the Bn or Sqdn HHC, with the exception of SRC series 09, or in a separate company.
22	FORWARD SIGNAL SPT NCO	31U3O	SSG													1. One position per Fwd Dep Btry in SRC series 06 and 44 only. 2. Position will be consolidated in the Bn HHC.
23	RADIO RETRANS SUPV	31U3O	SSG													Supervision of two or more FM Radio Retrans system teams.
24	SECTION CHIEF	31U3O	SSG													Principal NCO in a Sig Spt Sec or Elm.
25	SECTION SGT	31U3O	SSG													Supervision of an ARFOR Main or Assault CP in a XVIII Abn Corps Sig Bn.
26	SIGNAL INFO SVC NCO	31U3O	SSG													One position per Bn or Bde HHC in SRC series 03, 17, 77 and 87 only.

**Table 10-31U-2**  
Standards of grade TOE/MTOE—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
27	SECTION CHIEF	31U40	SFC												Principal NCO in: a. Sig Spt Sec, Elm or Commo Sec of a Bn or Sqdn level Hq. b. Commo Sec/Main of FA Bn.
28	PLATOON SERGEANT	31U40	SFC												Principal NCO in a Sig Spt platoon Hq.
29	DETACHMENT SER- GEANT	31U40	SFC												Principal NCO in s Signal Detachment.
30	SIGNAL SPT SYS CH	31U50	MSG												Principal Sig Spt Sys NCO in: a. Div/Corp FA Bn. b. Regt, Grp, Bde, Area Spt Gp, Div Spt Cmd (DISCOM), Spt Cmd (SUPCOM), or Trans Cmd. c. S2/S3, ADSCOM. d. S3 Sec, HH Ops Co, MI Bn Abn. Position will be coded with SQI P. e. Ops Br, COSCOM. f. Info Mgt Dir, Commo/Elec Br, TAACOM. g. Not for use in SRC series 11 and 34.
31	FIRST SERGEANT	31U5M	1SG												Principal NCO in the Support Company of an MSE Signal Battalion.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-31U-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	RADIO RETRANS OPR	31U10	PFC	1	1										1. Grading standard will be applied at team levels within the same paragraph.
2	RADIO RETRANS OPR	31U10	SPC	1	1	1									2. Units with FM retransmission systems equipment.
3	TEAM CHIEF	31U20	SGT			1									3. Grading pattern will be used for all positions not specifically identified in any other line.
4	SIGNAL SPT SYS MAINT	31U10	PFC	1	1	1									Grading pattern will be applied cumulatively to all positions within a paragraph.
5	SIGNAL SPT SYS MAINT	31U10	SPC	1	1	1	1								
6	SR SIG SPT SYS MAINT	31U20	SGT			1	1								
7	SIGNAL SPT SYS SUPV	31U30	SSG				1								
8	SECTION CHIEF	31U30	SSG												1. Supervision of two or more FM radio retransmission systems teams. 2. Principal NCO in a Signal Spt Br or section supervising 8 or less subordinates.
9	CONSOLE CON OPR	31U30J7	SSG												White House Communications Agency (WHCA). Subsequent positions also graded SSG.
10	SECTION CHIEF	31U40	SFC												Principal NCO in a Sig Spt Br, Sec, and Bn level for supervision of more than eight subordinate personnel.
11	SIG SPT PLANS NCO	31U40	SFC												Training division, branch or section.
12	PERSONNEL MGT NCO	31U40	SFC												Commo-Elect Tm, U.S. Army Reserve Personnel Center.
13	PLATOON SERGEANT	31U40	SFC												Principal NCO in a signal support platoon.
14	DETACHMENT SER- GEANT	31U40	SFC												Principal NCO in s signal detachment.

**Table 10-31U-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
15	FIRST SERGEANT	31U5M	1SG													Principal NCO in a Signal company.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-31W-1  
Physical requirements**

Skill level	Task numbers	Tasks
4	1, 2, 3	<ol style="list-style-type: none"> <li>1. Must possess finger dexterity in both hands.</li> <li>2. Frequently reads complex schematic diagrams.</li> <li>3. Frequently writes to keep records, compile data, and perform operational duties.</li> </ol>
5	1, 2, 3	

**Table 10-31W-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	XMSN SYSTEMS CHIEF	31W40	SFC	Principal NCO in a communications section engaged in line of sight (LOS), multichannel, high frequency (HF), tropospheric scatter (TROPO), or cable and wire transmission systems operation.
2	SWITCH SYSTEMS CHIEF	31W40	SFC	Principal switching systems operation supervisor in: <ol style="list-style-type: none"> <li>a. Node Center Section, Extension Switch Section, Large Extension Switch Section, or Extension Switch Support Section of an Area Signal Company or Signal Support Company. Also acts as Team Chief of Node Center and Large Extension Switch.</li> <li>b. Electronic Switching System (ESS) section or Red Switch section of a Defense Communications System (DCS) Signal Battalion or equivalent organization.</li> <li>c. Section engaged in the operation of a TRITAC circuit switch or other automatic switching system.</li> <li>d. Ops/Intel Section, HHC, Sig Telecom Bn (subsequent positions also graded SFC).</li> <li>e. Forward Readiness/MOB Division of an Army Signal Cmd (Forward).</li> </ol>
3	NETWORK CONTROL CHIEF	31W40 31W40D9	SFC	<ol style="list-style-type: none"> <li>1. Organizations authorized more than one position, subsequent positions will be graded SFC.</li> <li>2. Operations and Intelligence section of: <ol style="list-style-type: none"> <li>a. Division or Corps Signal Battalion. Positions will be coded with ASI D9.</li> <li>b. Signal organization in support of NATO or other allied forces.</li> </ol> </li> <li>3. Network Control Branch of a Corps Signal Brigade (subsequent positions also graded SFC).</li> <li>4. CSCE/ISYSCON Branch of a Theater Communications Command (second position also graded SFC).</li> <li>5. Signal engineering branch of a tactical Echelon Above Corps (EAC) Signal Brigade.</li> <li>6. Signal Plans/Intel Branch, Theater Signal Brigade (second position also graded SFC).</li> <li>7. Signal Detachment Hq.</li> </ol>
4	NETWORK OPS CHIEF	31W40	SFC	<ol style="list-style-type: none"> <li>1. Organizations authorized more than one position, subsequent positions will also be graded SFC.</li> <li>2. Operations and Intelligence Section of Signal Battalions.</li> <li>3. Division Signal Office of a Division Signal Battalion.</li> <li>4. Signal Operations Company (RDF ADA Bed) HQ.</li> <li>5. Signal Company supporting U.S. and non-U.S. joint and combined Headquarters.</li> <li>6. DCS Operations Company.</li> <li>7. SOCOM Signal Company.</li> <li>8. Force Mod Br, Army Signal Cmd (ASC).</li> <li>9. Readiness/Mob Div (Forward), ASC.</li> </ol>
5	SIGNAL MAINTENANCE CH	31W40	SFC	Maintenance or logistics section of: <ol style="list-style-type: none"> <li>a. TAACOM Signal Company.</li> <li>b. Corps Signal Brigade.</li> <li>c. Theater Communications Command.</li> </ol>

**Table 10–31W–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Explanatory notes
6	DETACHMENT SERGEANT	31W40	SFC	Principal NCO in a signal detachment.
7	PLATOON SERGEANT	31W40	SFC	Principal NCO in a signal platoon.
8	SECTION CHIEF	31W40	SFC	1. Contingency or Heavy Communications section of an Airborne, Air Assault, or Light Infantry Division Signal Battalion. 2. Hq, Forced Entry Signal Detachment AA/AB. 3. TAACOM C-E Section, TAACOM Signal Company. 4. Communication Section of MI units.
9	DECEPTION NCO	31W40	SFC	1. Plans or operations sections of an MI battalion or brigade. 2. Subsequent positions will also be graded SFC.
10	PLANS/OPERATIONS NCO	31W40	SFC	1. Organizations authorized more than one position, subsequent positions will also be graded SFC. 2. Plans and Intelligence section of a tactical Signal Brigade or tactical EAC Signal Battalion. 3. Plans Branch, Division, or the ISSO of a Theater Communications Command. 4. Division, Corps, EAC, Theater, or SOCOM Signal organization. 5. Non-SRC 11 series organization having a signal staff/element. 6. U.S. and non-U.S. joint and combined commands. 7. Separate EAC MI company, or Plans/Ops Section of a CEWI Battalion. 8. Commo Platoon HQ/Section and Command & Control Teams of a Ranger Regiment.
11	BTFLD SPECTRUM MGR	31W40D9	SFC	1. Organizations authorized more than one position, subsequent positions will also be graded SFC. 2. Division Signal Office of a Division Signal Battalion. 3. Corps Signal Office of a Corps Signal Brigade. 4. Division, Corps, EAC, Theater, or SOCOM Signal Battalion. 5. Non-SRC 11 series organizations having a signal staff/element. 6. Signal Operations Company (RDF ADA Bed) HQ. 7. Forward Operations Division of Army Sig Cmd (Forward).
12	SR TELECOM OPNS NCO	31W50	MSG	As principal telecommunications operations NCO in: a. The operations element or Directorate of Information (DOIM) of a fixed station Signal Battalion or DCS Signal Company. b. The Signal support division and other operations elements of a Theater Communications Command. c. Signal operations elements or Commo Plt Hq of a Military Intelligence (MI) Battalion or MI Brigade. d. Division Signal Office of a Division Signal Battalion. e. Commo Platoon Hq of a Ranger Regiment when no MOS 31U50 is authorized.. f. Signal operations elements of an Army Headquarters. g. General Officer staff having a dedicated Signal element. h. Signal Engineering Branch of a tactical EAC Signal Brigade.
13	SR TELECOM PLANS NCO	31W50	MSG	Principal telecommunications planning NCO in the: a. Maintenance and logistics elements of a tactical EAC Signal Brigade. b. Planning elements of an Army Headquarters. c. Planning divisions and branches of a Theater Communications Command.
14	SR NETWORK OPS NCO	31W50	MSG	Principal network operations NCO in the: a. Operations and intelligence section of: (1) Division, Corps, or EAC Signal Battalion, or an organization supporting NATO or other allied forces. (2) SOCOM. Positions identified with SQI of S. b. Network control branch of a Corps Area Signal Brigade. c. Signal engineering branch of a tactical EAC Signal Brigade. d. Command Signal Office of an ADA Brigade. e. Operations Division, Plans Division and Force Mod Branch of an Army Signal Cmd. f. Corps Signal Office of a Corps Signal Bde.
15	SR NETWORK PLANS NCO	31W50	MSG	1. Principal network planning NCO in the plans and intelligence section of a Corps Signal Brigade. 2. Principal TRITAC systems planning NCO in the Plans/Switching Branch and Signal Plans Branch of a Theater Communications Command. 3. Corps Signal Office, Corps Signal Bde.
16	FIRST SERGEANT	31W5M	1SG	Principal NCO of a Signal Company, Communications Company of a CEWI Bn, and Spt Co of PSYOPS Dissemination Co.
17	INTELLIGENCE SERGEANT	31W50	MSG	Principal Signal intelligence NCO in: a. Intelligence section of a Theater Communications Command. b. S2/3 or Commo Ops Section of a Ranger Regiment.

**Table 10–31W–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Explanatory notes
18	SPECTRUM MANAGEMENT CH	31W5OD9	MSG	Principal battlefield spectrum management NCO in: a. Signal Engineering Branch of a Corps Signal Brigade. Subsequent positions graded SFC. b. CSCE/ISYSCON Branch and C4 Branch of a Theater Communications Command. c. Forward Operations Division of an Army Sig Cmd (Forward). d. U.S. and non-U.S. Joint and Combined commands having a signal staff/element.
19	SR SIGNAL MAINT NCO	31W5O	MSG	Principal Signal maintenance NCO: a. Maintenance and logistics elements of a tactical EAC Signal Brigade or Theater Communications Command when no MOS 31T50 is authorized. b. Maintenance section of a U.S. or non-U.S. joint and combined commands having a signal staff/element.

Notes:

1. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–31W–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	XMSN SYSTEMS CHIEF	31W4O	SFC	Principal NCO in a communications section engaged in line of sight (LOS), multichannel, high frequency (HF), tropospheric scatter (TROPO), or cable and wire transmission systems operation.
2	SWITCH SYSTEMS CHIEF	31W4O	SFC	Principal switching systems operation supervisor in: a. Electronic Switching Systems (ESS) section or Red Switch section of a Defense Communications Systems (DCS) Signal Battalion or equivalent organization. b. Section engaged in the operation of a TRITAC circuit switch or other automatic switching system.
3	NETWORK CONTROL CHIEF	31W4OD9	SFC	Performs Network Control functions: a. Area Signal Battalion assigned to the USA Signal Center. b. Operations and Intelligence section of a Signal Battalion in support of NATO or other allied forces.
4	INFO MGMT SUPERVISOR	31W4O	SFC	Supervises information management activities at an Army garrison or installation. Subsequent positions also graded SFC.
5	NETWORK OPS CHIEF	31W4O 31W4OJ7	SFC	1. Organizations authorized more than one position, subsequent positions will also be graded SFC. 2. Operations and Intelligence Section of TDA Signal Battalions. 3. Separate operations branch of the White House Communications Agency (WHCA). Use with ASI J7. 4. Signal element of a U.S. Army Field Command, Field Operating Agency, or MACOM staff. 5. USAISC-Pentagon Fly-Away teams. 6. U.S. or non-U.S. joint combined commands having a signal staff/element.
6	SIGNAL MAINT CHIEF	31W4O	SFC	1. Switched systems or transmission systems element of a joint or Army Field Command, Field Operating Agency, MACOM, or Program Manager (PM) staff. 2. HHC, Combat Equipment Center. 3. Separate C-E Equipment Repair Facility. 4. U.S. or non-U.S. joint combined commands having a signal staff/element.
7	PLATOON SERGEANT	31W4O	SFC	Principal NCO in a Signal platoon.
8	DETACHMENT SERGEANT	31W4O	SFC	Principal NCO in a Signal Detachment.
9	BTFLD SPECTRUM MGR	31W4OD9	SFC	1. Organizations authorized more than one position, subsequent positions will also be graded SFC. 2. Performs frequency management functions in: a. Garrison Hq or Directorate of Information Management (DOIM) activity of a Post, Camp or Station. b. MACOM or higher level headquarters.
10	CONS CONTROL SUPV	31W4OJ7	SFC	1. Supervises an operating shift of console controllers at the WHCA. 2. Subsequent positions will also be graded SFC.
11	WHCA PLANS/OPS NCO	31W4OJ7	SFC	1. Performs network planning and console control operations functions at the WHCA. 2. Subsequent positions will also be graded SFC.
12	WHCA EMER ACTION NCO	31W4OJ7	SFC	1. Supervises emergency action console operations at the WHCA. 2. Subsequent positions will also be graded SFC.

**Table 10–31W–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
13	WHCA SECTION CHIEF	31W40J7	SFC	Principal NCO in a section/branch involved in console control operations at the WHCA.
14	TELECOM STAFF NCO	31W40	SFC	1. Organizations authorized more than one position, subsequent positions will also be graded SFC. 2. Performs combat development, force modernization, and other directed staff functions at the US Army Signal Center or Information Systems Command (USAISC) organizations, or an AMC Equipment Proving Ground. 3. Performs other directed staff functions in U.S. and non-U.S joint and combined commands or MACOM. 4. Systems Support Branch of an MI Brigade Hq.
15	SR TELECOM OPS NCO	31W50 31W50D9 31W50J7	MSG	Principal telecommunications operations NCO in: a. Directorate of Information Management (DOIM), Information Services Branch/Division, Deputy Chief of Staff for Information Management (DCSIM), Assistant Chief of Staff for Information Management (ACSIM), or Information Mission Area (IMA) Support Branch. b. Operations element of the White House Communications Agency. Use with ASI J7. c. Army element of U.S. and non-U.S. joint, combined, unified, or specified commands having a signal operations or information management element. d. Operations elements of a Signal Company, Battalion or Brigade, or USAISC equivalent organization supporting a post, camp, station, garrison, or USAR Command, or major Headquarters. e. Signal operations elements of a major command (MACOM), Army Headquarters, Corps, or Field Operating Agency.
16	SR SIGNAL OPS NCO	31W50	MSG	Principal signal operations NCO in: a. Signal operations, network control, systems engineering, or inspection/quality control element of a post, camp, or station. b. Army element of a U.S. or non-U.S. joint, combined, unified, or specified command having a signal staff or element.
17	FIRST SERGEANT	31W5M	1SG	Principal NCO of: a. Signal Company, Communications Company, Electronics Company, Signal Support Company, or equivalent company sized unit. b. Communications Company or equivalent sized unit of a U.S. or non-U.S joint, combined, unified, or specified command.
18	SPECTRUM MGMT CHIEF	31W50D9	MSG	Principal spectrum management NCO in: a. Army element of U.S. and non-U.S. joint, combined, unified, or specified commands having a signal staff or element. b. Signal element of a U.S. Army Field Command, Field Operating Agency, MACOM, or Corps staff.
19	SR SIGNAL MAINT NCO	31W50	MSG	Principal signal maintenance NCO in the maintenance, logistics, quality control/quality assurance, or evaluation element of: a. Army element of U.S. and non-U.S. joint, combined, unified, or specified commands having a signal staff or element. b. Signal element of a U.S. Army Field Command, Field Operating Agency, or MACOM staff. c. Army Depot.
20	SIGNAL STAFF NCO	31W50	MSG	Signal staff element of a U.S. Army Field Command, Field Operating Agency, or MACOM. Subsequent positions also graded MSG.
21	LIAISON NCO	31W50	MSG	Allied Signal School.

Notes:

- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional manpower grading requirements.

**Table 10–31Z–1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2, 3	1. Must possess finger dexterity in both hands. 2. Frequently reads complex schematic diagrams. 3. Frequently writes to keep records, compile data, and perform operational duties.

**Table 10–31Z–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	CHIEF SIGNAL NCO	31Z50 31Z502S	SGM	Principal Signal NCO in: a. Operations branch, section, division, or element of a Division, Corps, or Echelon Above Corps (EAC) Signal Battalion. b. Operations/plans branch, section, division of a Theater Signal Cmd, Army Hq, or MACOM G6/J6. c. Infantry Ranger Regiment, position coded with SQI V. d. DCS Information Management element of an Army Headquarters. e. Operations Div, G3 and MOB Div of an Army Signal Cmd. f. Directorate of Information Management (DOIM) of a Strategic Signal Bn.
2	DIVISION SIGNAL NCO	31Z50 31Z50D9	SGM	Principal Signal Operations NCO in a Division Signal Office/G6.
3	BRIGADE SIGNAL NCO	31Z50	SGM	Principal Signal Operations NCO in the Network Control Branch of a Corps Signal Brigade.
4	CORPS SIGNAL NCO	31Z50 31Z50D9	SGM	Principal Signal NCO in a Corps Signal office/G6.
5	SIGNAL CONTROL NCO	31Z50	SGM	Principal Signal NCO in the Signal Control Branch of an EAC Signal Brigade.
6	SIGNAL PLANS NCO	31Z50	SGM	Principal Signal NCO in the Signal Plans Branch of a EAC Signal Brigade.
7	SIGNAL ENGINEERING NCO	31Z50 31Z50D9	SGM	Principal Signal NCO in the Signal Engineering Branch of a Corps or EAC Signal Brigade.

Notes:

- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in 600–3) to support additional grading of manpower requirements.

**Table 10–31Z–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	CHIEF SIGNAL NCO	31Z50 31Z501C	SGM	Principal Signal NCO in: a. Forces Command (FORSCOM) post, camp, or station Signal Battalion when not authorized a CSM. b. Operations Division of a Strategic Signal Bn or Space Cmd Signal Bn.
2	BRIGADE SIGNAL NCO	31Z50 31Z50D9	SGM	1. Principal Signal Operations NCO in a USAISC Signal Brigade, or equivalent. 2. Maint Mgt Br, USASC.
3	CHIEF SIGNAL MAINT NCO	31Z50	SGM	Principal Signal maintenance NCO in: a. Maintenance Management Branch of USASC. b. Army element of U.S. and non-U.S. joint, combined, unified, or specified commands having a signal staff element.

Notes:

- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional manpower grading requirements.

**Table 10–33R–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts and lowers 65 pounds a distance of 4 feet as part of a 2 soldier team (prorated 33 pounds).
1	1, 2, 3, 4, 5, 6	2. Occasionally lifts 65 pounds and carries 15 feet as part of a 2 soldier team (prorated 33 pounds).
3	1, 2, 3, 4, 5, 6	3. Occasionally pushes and pulls 65 pounds a distance of 18 inches as part of a 2 soldier team (prorated 33 pounds).
4	4, 5, 6	4. Must possess normal color vision and good near vision. 5. Must possess hand/eye coordination and manual dexterity. 6. Must possess auditory acuity.

**Table 10–33R–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	EW/I avn sys rep UAV–SR rep	33R1O 33R1OU2	PFC		1	1	1	1	1	1	2	2	2	3	1. Grading of additional positions will be in same pattern and applied to positions at section and/or team level. 2. Applied separately to positions with ASI U2.
2	EW/I avn sys rep UAV–SR rep	33R1O 33R1OU2	SPC		1	1	1	2	2	3	3	3	4	4	
3	EW/I avn sys sgt UAV–SR sgt	33R2O 33R2OU2	SGT			1	1	1	1	1	2	2	2		
4	Sr EW/I avn sys sgt Sr UAV–SR sgt	33R3O 33R3OU2	SSG					1	1	1	1	1	1		
5	EW/I avn sys NCO	33R2O	SGT												Single position in Tech Svcs Div of AMC CECOM. Subsequent positions graded by lines 1–4.
6	EW/I avn sys NCO	33R3O	SSG												Single position in EW SIGINT Div of AMC CECOM. Subsequent positions graded by lines 1–4.
7	EW/I avn sys rep supv UAV–SR mnt supv	33R4O 33R4OU2	SFC												1. Principal NCO supervising seven or more EW/I Avn Sys and/or UAV rep when platoon sergeant not provided for. 2. When platoon sergeant is provided with a Svc and/or Plt Hq Sec, subordinate Rep/Mnt Sec positions graded by lines 1–4 (only one SFC position per section).
8	EW/I avn sys fldng NCO	33R4O	SFC												Readiness and Fielding Div of AMC CECOM. Subsequent positions graded SSG.
9	Platoon sergeant	33R4O	SFC												Principal NCO in: a. Mnt Plt of USAICS. b. Svc Plt Hq Sec of MI Bn Linguist.

Notes:

\* Blank spaces in this column indicate not applicable.

**Table 10–33R–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	EW/I avn sys rep UAV–SR rep	33R1O 33R1OU2	PFC		1	1	1	1	1	1	2	2	2	3	1. Grading of additional positions will be in same pattern and applied to positions at section and/or team level. 2. Applied separately to positions with ASI U2.
2	EW/I avn sys rep UAV–SR rep	33R1O 33R1OU2	SPC		1	1	1	2	2	3	3	3	4	4	
3	EW/I avn sys sgt UAV–SR sgt	33R2O 33R2OU2	SGT			1	1	1	1	1	2	2	2		
4	Sr EW/I avn sys sgt Sr UAV–SR sgt	33R3O 33R3OU2	SSG					1	1	1	1	1	1		
5	EW/I avn sys NCO	33R2O	SGT												Single position in Tech Svcs Div of AMC CECOM. Subsequent positions graded by lines 1–4.
6	EW/I avn sys NCO	33R3O	SSG												Single position in EW SIGINT Div of AMC CECOM. Subsequent positions graded by lines 1–4.
7	EW/I avn sys rep supv UAV–SR mnt supv	33R4O 33R4OU2	SFC												1. Principal NCO supervising seven or more EW/I Avn Sys and/or UAV rep when platoon sergeant not provided for. 2. When platoon sergeant is provided with a Svc and/or Plt Hq Sec, subordinate Rep/Mnt Sec positions graded by lines 1–4 (only one SFC position per section).
8	EW/I avn sys fldng NCO	33R4O	SFC												Readiness and Fielding Div of AMC CECOM. Subsequent positions graded SSG.
9	Platoon sergeant	33R4O	SFC												Principal NCO in: a. Mnt Plt of USAICS. b. Svc Plt Hq Sec of MI Bn Linguist.

Notes:

\* Blank spaces in this column indicate not applicable.

**Table 10–33W–1  
Physical requirements**

Skill level	Task numbers	Tasks
TO BE DETERMINED		

**Table 10–33W–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	EW/I SYS RPR	33W1O 33W1OU2 33W1O1T 33W1O4T	PFC	1	1	1	1	1	2	2	3	3			1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI. 2. ASI will not be graded separately. 3. Grading pattern will be used for all positions not specifically identified in any other line. 4. Unmanned aerial vehicle (UAV) repairer positions will be coded with ASI U2. 5. IPDS/TRAC/NIS Repairer positions will be coded with ASI 1T. 6. TENCAP repairer positions will be coded with ASI 4T. 7. Driver positions will be graded PFC.
2	EW/I SYS RPR	33W1O 33W1OU2 33W1O1T 33W1O4T	SPC	1	1	1	2	3	3	3	3	4			
3	EW/I SYS RPR	33W2O 33W2OU2 33W2O1T 33W2O4T	SGT	1	1	1	1	1	2	2	2				
4	EW/I SYS RPR SGT	33W3O 33W3OU2 33W3O1T 33W3O4T	SSG						1	1	1	1			
5	EW/I SYS RPR SGT	33W3O	SSG												Principal EW/I Sys Rpr NCO in ACE Hq Sec of MI Bn (Div and/or Corps).
6	SR EW/I SYS RPR SGT	33W4O	SFC												Principal Sr EW/I Sys Rpr NCO in: a. C-E Mat or Mat Spt and/or Maint Spt Br in HHC of COS-COM. b. S4 Sec in HHC of MI Bn (Corps). c. IEW Maint Sec in HHC of MI Bn. d. Maint Sec with ten or more 33W soldiers when no Plt Sgt authorized.
7	PLATOON SERGEANT	33W4O	SFC												Principal NCO in MI Plt Hq Sec when MOS 33W is predominant MOS.
8	CH EW/I SYS RPR SGT	33W5O	MSG												Principal Ch EW/I Sys Rpr NCO in S4 Sec of MI Bn (AEB/ARL/UAV).
9	FIRST SERGEANT	33W5M	1SG												Principal NCO of MI Co Hq Sec with 75 or more soldiers.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10-33W-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	EW/I SYS RPR	33W1O 33W1OU2 33W1O1T 33W1O4T	PFC	1	1	1	1	1	2	2	3	3			1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI. 2. ASI will not be graded separately. 3. Grading pattern will be used for all positions not specifically identified in any other line. 4. All sections in USAG Acty. 5. Unmanned Aerial Vehicle Repairer positions will be coded with ASI U2. 6. IPDS/TRAC/NIS Repairer positions will be coded with ASI 1T. 7. TENCAP repairer positions will be coded with ASI 4T.
2	EW/I SYS RPR	33W1O 33W1OU2 33W1O1T 33W1O4T	SPC	1	1	1	2	3	3	3	3	3	4		
3	EW/I SYS RPR	33W2O 33W2OU2 33W2O1T 33W2O4T	SGT		1	1	1	1	1	2	2	2			
4	EW/I SYS RPR SGT	33W3O 33W3OU2 33W3O1T 33W3O4T	SSG						1	1	1	1	1		
5	EW/I SYS RPR	33W1O	SPC						1	1	1	2	2		1. Grades of additional positions will be in same pattern. 2. Maint and Sup Sec in QA Div of U.S. Army C-E Acty. 3. QA Sec of MI Bn (EAC).
6	EW/I SYS RPR	33W2O	SGT	1	1	1	2	2	2	3	3	3			
7	EW/I SYS RPR SGT	33W3O	SSG	1	1	1	2	2	2	3	3	3	4		
8	SR EW/I SYS RPR SGT	33W4O	SFC		1	1	1	1	1	1	1	1	1		
9	INSTRUCTOR/WRITER	33W2O	SGT		1	1	2	2	2	3	3	3			1. Grades of additional positions will be in same pattern. 2. Sec and/or Br with 10 or more positions coded with SQI H. 3. Sec with nine or less Instr/Wtr positions MSG and SGM positions will be graded per chapter 3 (table 11-1).
10	INSTRUCTOR/WRITER	33W3O	SSG		1	1	2	2	2	3	3	3	4		
11	INSTRUCTOR/WRITER	33W4O	SFC	1	1	1	1	1	2	2	2	3	3		
12	EW/I SYS RPR	33W2O	SGT		1	1	2	2	3	3	4	4			1. Grades of additional positions will be in same pattern. 2. AC/RC Support positions will be graded using this table.
13	EW/I SYS RPR SGT	33W3O	SSG	1	1	1	2	2	3	3	3	3	4		
14	SR EW/I SYS RPR SGT	33W4O	SFC	1	1	1	1	1	1	2	2	2			
15	EW/I SYS RPR	33W2O	SGT												Principal EW/I Sys Rpr in: a. S3 Sec of MI Bn (EAC). b. C41 Spt Maint Sec of USA Space Cmd.
16	EW/I SYS RPR SGT	33W3O	SSG												Principal EW/I Sys Rpr NCO in CECOM Hq: a. IEW Pgm Sec. b. Cust Spt Br (subsequent positions will be graded by lines 1-3).
17	SR EW/I SYS RPR SGT	33W4O 33W4OU2 33W4O1T 33W4O4T	SFC												Principal Sr EW/I Sys Rpr NCO in: a. Tech ELINT Div (EAC) in USA Elm of USAPAC. b. CECOM Hq: (1) Mat Mgt Sec. (2) IEW Tm A. (3) SIGINT Div. (4) AV/IEW/ADP/CSS Br. (5) Avionis Sec in IEW/CC Br. c. TROJAN Sec and Log Spt Ofc in Force Mod Acty of INSCOM. d. Army Space Program Office (subsequent positions will be graded SFC). e. Maint Sec of RSOC--(Fort Gordon). f. Sys Maint Sec and Border Site of RSOC (Korea). g. Tech Acq Mgt Div of INSCOM. h. IEW PC Sec of U.S. Army Intelligence Centre and Ft Huachuca.
18	PLATOON SERGEANT	33W4O	SFC												Principal NCO in MI Plt Hq Sec when MOS 33W is predominant MOS.

**Table 10-33W-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
19 CH EW/I SYS RPR SGT	33W5O	MSG													Principal Ch Sr EW/I Sys Rpr NCO in: a. Maint and/or Instal Sec of MI Bn with 25 or more soldiers. b. Maint Acty in support of RSOC--(Ft Gordon) with 25 or more soldiers. c. Proj NCO in S4 Sec of RSOC. d. Maint Plt Sec of RSOC (Korea). e. J Gp in NSA.
20 FIRST SERGEANT	33W5M	1SG													Principal NCO of MI Co Hq Sec with 75 or more soldiers.
21 EW/I RPR SUPV	33W5O	SGM													1. Principal NCO in IEW Maint Shop Plt Hq of USAIC&FH. 2. Stf Sec of INSCOM concerned with the Acq and Dev of EW/I Sys and Tng Spt/Log Spt of fielded units.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-33Y-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8	1. Occasionally lifts and lowers 90 pounds a distance of 3 feet as part of a 2 soldier team (prorated 45 pounds per soldier).
2	1, 2, 3, 4, 5, 6, 7, 8	2. Occasionally lifts 30 pounds and carries a distance of 50 feet.
3	1, 2, 3, 4, 5, 6, 7, 8	3. Occasionally pushes and pulls 90 pounds a distance of 24 inches as part of a 2 soldier team (prorated at 45 pounds per soldier).
4	6, 7, 8	4. Occasionally climbs antenna superstructures to a height of 400 feet. 5. Frequently kneels 30 to 90 minutes. 6. Frequently sits or stands 30 minutes to 4 hours. 7. Must possess auditory acuity. 8. Must possess finger dexterity in both hands.

**Table 10-33Y-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
NO ACTION REQUIRED													

**Table 10-33Y-3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 Strat sys rep	33Y1O	PFC				1	1	1	1	1	2	2			Grades of additional positions will be in same pattern.
2 Strat sys rep	33Y1O	SPC		1	1	1	2	2	3	3	3	4			
3 Strat sys rep	33Y2O	SGT		1	1	2	2	2	2	2	3	3	3		
4 Strat sys rep	33Y3O	SSG						1	1	1	1	1			

**Table 10–33Y–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
5	RDTE specialist	33Y1O	SPC			1	1	1	2	2	2	3	3		1. M&I, and RAM Br of TEXCOM.
6	RDTE NCO	33Y2O	SGT		1	1	1	2	2	2	3	3	3		2. Tac SIGINT, Tac EW Sys and Strat SIGINT Br of U.S Army CECOM Rsch Dev and Engr Ctr.
7	RDTE NCO	33Y3O	SSG	1	1	1	2	2	2	3	3	3	4		3. EW/I Rep Sec of U.S. Army Elect Prov Ground.
8	System design NCO	33Y2O	SGT	1	1	1	2	2	3	4	4	5	5		1. Search Sec of U.S. Army Fld Sta—Berlin.
9	System design NCO	33Y3O	SSG		1	2	2	3	3	3	4	4	5		2. Sys Div of U.S. Army C-E Acty. 3. PD Det of U.S. Army Studies and Anal Scty. 4. 704th MI Bde (W, E, and T Gp). 5. 501st MI Bde.
10	QA inspector	33Y2O	SGT			1	1	2	3	3	4	4	5		1. Maint and Sup QA Div of U.S. Army C-E Acty.
11	QA inspector	33Y3O	SSG	1	1	1	2	2	2	3	3	4	4		2. Sys Engr Div of 701st MI Bde. 3. QA Sec of 703d MI Bde.
12	QA inspector	33Y4O	SFC	1	1	1	1	1	1	1	1	1	1		
13	Tng specialist	33Y1O	SPC												1. Plans and Tng Ofc of 701st MI Bde. 2. Ops Sec of 711th and 701st MI Bn.
14	Configuration NCO	33Y3O	SSG												1. Conf Mgt Sec in Msn Spt Acty of U.S. Army Intel and Scty Cmd. 2. Sup, Maint Tng Dept of U.S. Army Intel and Scty Det.
15	Sr RDTE NCO	33Y4O	SFC												1. M&I and RAM Br of TEXCOM. 2. EW/I Rep Sec of U.S. Army Elect Prov Ground.
16	Sr sys design NCO	33Y4O	SFC												1. Search Sec of U.S. Army Fld Sta—Berlin. 2. F&R Gp of 704th MI Bde.
17	Bde maint NCO	33Y4O	SFC												S4 Sec of 701st and 703d MI Bde.
18	Remote site supv	33Y4O	SFC												Remote Site 1 and 2, and Border Plt.
19	Prof dev NCO	33Y4O	SFC												Ofc Ch MI of U.S. Army Intel Ctr and Sch.
20	Strat maint NCO	33Y4O	SFC												1. Maint Div of U.S. Army Intel and Scty Cmd. 2. Tech ILINT Anal Br of U.S. Army Elm of Intel Ctr-Pacific. 3. TD&S Br of U.S. Army Intel Ctr and Sch. 4. Maint Mgt and Sup Ofc of U.S. Army C-E Acty. 5. Trojan Log Prg Ofc in Msn Sup Acty of U.S. Army Intel and Scty Cmd.
21	Strat maint chief	33Y4O	SFC												Maint Br of U.S. Army Fld Sta, Berlin.
22	Tng sys eval	33Y4O	SFC												Int Eval Br in Dir Eval and Standards of USAISD.
23	Operations NCO	33Y4O	SFC												Ops Spt and Ops Br in Maint Tng Dept of USAISD.
24	Strat maint supv	33Y4O	SFC												1. EMD Maint Br of U.S. Army Fld Sta—Sinop. 2. Maint Spt and Maint Br of U.S. Army Fld Sta—Berlin. Second through fourth positions will be graded SFC. 3. Maint Br Hq, Log Div; Intcp Equip, Demux Equip and Elint Equip, Maint Br in Log Div of USAID. 4. Work Ctr Br and Autmv Test Equip Div of U.S. Army C-E Acty. 5. Sys Spt Br (second position graded SFC); Maint Br (second through fourth positions graded SFC) of 701st MI Bde. 6. Elect Maint Br (second position graded SFC) of 751st MI Bn. 7. Sys Maint Br (second through fourth positions graded SFC) of 703d MI Bde.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-35B-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Occasionally lifts and carries 50 to 100 pounds. 2. Frequently lifts, lowers and carries 30 to 50 pounds. 3. Must possess finger dexterity in both hands.
2	1, 2, 3	
3	1, 2, 3	

**Table 10-35B-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	LCSS TEST SPECIAL-IST	35B1O	PFC			1	1	1	2	2	2	2	2	2	1. Grades of additional positions will be in same pattern. 2. This grading pattern will be used for all positions not specifically identified in any other line.
2	LCSS TEST SPECIAL-IST	35B1O	SPC		1	1	2	2	2	2	2	3	4	3. Land Cbt Maint Sec in: a. Ord Msl Spt Co of Inf and Hvy Div. b. Hq and Lt Ord Maint Co of AASLT and Abn Div; and in MSB of AASLT and Abn Div.	
3	LCSS TEST SPECIAL-IST	35B2O	SGT	1	1	1	1	1	1	2	2	2	2	4. Test, Diagnostic Sec in Elect Maint Co.	
4	LCSS REPAIR SUPV	35B3O	SSG				1	1	1	2	2	2	2	5. LCSS Test and Rep Sec in: a. Ord Msl Spt Co of Corps and EAC. b. LCSS Aug Tm and LCSS GS Aug Tm. 6. Elm Test and Rep Sec in Ord Msl Spt Co GS of EAC. 7. Msl Sec in HHC Spt Bn of HSB.	
5	LCSS REPAIR QA/QC TI	35B2O	SGT											1. Maint Con Sec in: a. Ord Msl Spt Co of Inf and Hvy Div. b. Ord Msl Spt Co of EAC. 2. QA/QC Sec in Ord Msl Spt Co of Corps, EAC and GS EAC. 3. Msl Br in HHC and/or MMC in DISCOM of AASLT and Abn Div.	
6	LCSS REPAIR SUPV	35B3O	SSG											Maint Op Sec in Ord Msl Spt Co of Corps.	

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-35B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	LCSS TEST SPECIAL-IST	35B1O	PFC	1											1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	LCSS TEST SPECIAL-IST	35B1O	SPC	1	1										3. Land Cbt Maint Sec of USAG.
3	LCSS TEST SPECIAL-IST	35B1O	PFC			1	1	1	2						1. Grades of additional positions will be in same pattern. 2. LCSS Test and Rep Sec in Ord Msl Co of Corps and EAC.
4	LCSS TEST SPECIAL-IST	35B1O	SPC	1	1	1	2	2	2						
5	LCSS TEST SPECIAL-IST	35B2O	SGT	1	1	1	2	2							

**Table 10-35B-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
6	LCSS TEST SPECIAL-IST	35B1O	PFC			1	1	1	1	2	2						1. Grades of additional positions will be in same pattern. 2. Land Cbt Spt Br of U.S. Army Redstone Arsenal Support Activity. 3. Msl Maint Sec of U.S. Army National Training Center.
7	LCSS TEST SPECIAL-IST	35B1O	SPC			1	1	1	2	2	2	3					
8	LCSS TEST SPECIAL-IST	35B2O	SGT			1	1	1	1	1	2	2	2				
9	LCSS REPAIR SUPV	35B3O	SSG					1	1	1	1	1					

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-35C-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts, lowers, and carries 571 pounds as part of a 6 soldier team (prorated 95.1 pounds per soldier). 2. Occasionally lifts, lowers, and carries 153 pounds as part of a 2 soldier team (prorated at 76.5 pounds per soldier). 3. Frequently reads complex schematic diagrams. 4. Must possess finger dexterity in both hands.
2	1, 2, 3, 4	
3	2, 3, 4	

**Table 10-35C-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
1	SVL RADAR REPAIRER	35C1O	PFC			1	1	2	2								1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	SVL RADAR REPAIRER	35C1O	SPC			1	1	1	1	2							
3	SR SVL RADAR REPAIRER	35C2O	SGT					1	1	1							
4	SR SVL RADAR QA/QC TI	35C2O	SGT														1. Commo and Elect Maint Br in MMC of TA. 2. Elect Maint Br, MMC COSCOM/TAACOM. 3. Elect Maint Br (Fwd), MMC COSCOM (Split-Ops).
5	SVL RADAR SUPERVISOR	35C3O	SSG														Supervision of five or more personnel performing repair and maintenance functions of radar equipment.

Notes:

1. \*Blank spaces in this column indicate not applicable.

2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-35C-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	SVL RADAR REPAIRER	35C1O	PFC		1	1	2	2								1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	SVL RADAR REPAIRER	35C1O	SPC		1	1	1	1	2							
3	SR SVL RADAR REPAIRER	35C2O	SGT			1	1	1								
4	SR SVL RADAR QA/QC TI	35C2O	SGT													QA/QC Sec.
5	SVL RADAR SUPERVISOR	35C3O	SSG													Supervision of five or more personnel performing repair and maintenance functions of radar equipment.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-35D-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts and carries 225 pounds as part of a 4 soldier team (prorated 57 pounds).
2	1, 2, 3, 4, 5	2. Frequently pulls and pushes 260 pounds of cable on reels 250 feet as part of a 3 soldier team (prorated 87 pounds).
3	4, 5	3. Frequently lifts and swings 8 pound hammers to pound objects 4 feet into the ground.
4	4, 5	
5	4, 5	4. Frequently reads complex schematic diagrams. 5. Must possess finger dexterity in both hands.

**Table 10-35D-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	ATC EQUIP REPAIRER	35D1O	PFC		1	1	2	2	2							1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	ATC EQUIP REPAIRER	35D1O	SPC		1	1	1	1	2	2						
3	ATC EQUIP REPAIRER	35D2O	SGT			1	1	1	1							
4	ATC EQUIP REP SUPV	35D3O	SSG							1						
5	INSTALLER	35D1O	PFC		1	1	2	2	2							Grades of additional positions will be in same pattern.
6	INSTALLER	35D1O	SPC		1	1	1	1	2	2						
7	INSTALLER	35D2O	SGT			1	1	1	1							
8	TEAM CHIEF	35D3O	SSG							1						
9	VEHICLE DRIVER	35D1O	SPC													
10	ATC SYS MAINT SUPV	35D4O	SFC													Installation Br, Sig CO/SIG Bn.
11	PLATOON SERGEANT	35D4O	SFC													Principal NCO of a platoon.
12	DETACHMENT SERGEANT	35D4O	SFC													Principal NCO in Det Hq with 75 or less soldeirs.
13	INSPECTOR QC	35D4O	SFC													QA/QC Sections.
14	SR ATC SYS MAINT SUPV	35D5O	MSG													1. S3/S4 sec, Avn Bn/Grp. Subsequent positions graded SFC. 2. Maint Op Sec, Maint Bn Aug.

**Table 10–35D–2  
Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
15 FIRST SERGEANT	35D5M	1SG													Principal NCO of a Co Hq with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–35D–3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 ATC EQUIP REPAIRER	35D1O	PFC				1	2								1. Grades of additional positions will be in same pattern.
2 ATC EQUIP REPAIRER	35D1O	SPC	1	1	1	1	1								2. Grading pattern will be used for all positions not specifically identified in any other line.
3 ATC EQUIP REPAIRER	35D2O	SGT	1	1	1	1									
4 ATC EQUIP REP SUPV	35D3O	SSG		1	1	1									
5 INSPECTOR QC	35D3O	SSG													QA Sec, USA Avn & Ft Rucker.
6 ATC SYS MAINT SUPV	35D4O	SFC													1. Ops Div, USA Avn & Ft Rucker AL. 2. ATC Sys Eval Br, USA Avn & Ft Rucker. Subsequent positions also graded SFC. 3. USA CECOM R&D and Engr Ctr. 4. S2/S3, Avn Bn Aug. 5. Maint Op Sec/ ATC Maint, Maint Bn Aug.
7 FIRST SERGEANT	35D5M	1SG													Principal NCO in Co Hq with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–35E–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts and lowers 175 pounds as part of a 2 soldier team (prorated at 87.5 pounds per soldier). 2. Frequently reads complex schematic diagrams. 3. Must possess finger dexterity in both hands. 4. Occasionally lifts and carries 75 pounds a distance of 10 feet.
2	1, 2, 3, 4	
3	2, 3	

**Table 10-35E-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	COMSEC/RADIO EQUIP RPR	35E1O	PFC		1	1	2	2	2							1. Grades of additional positions will be in same pattern and applied cumulatively to all positions at section level. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	COMSEC/RADIO EQUIP RPR	35E1O	SPC		1	1	1	1	2	2						
3	SR COMSEC/RADIO RPR	35E2O	SGT			1	1	1	1							
4	COMSEC/RADIO SUPV	35E3O	SSG							1						
5	INSTALLER	35E1O	PFC		1	1	2	2	2							Grades of additional positions will be in same pattern and applied cumulatively to all positions at section level.
6	INSTALLER	35E1O	SPC		1	1	1	1	2	2						
7	INSTALLER	35E2O	SGT			1	1	1	1							
8	TEAM CHIEF	35E3O	SSG							1						
9	SR COMSEC/RADIO RPR	35E2O	SGT													1. Maint Spt Teams, Maint Co. Subsequent positions also graded SGT. 2. Spt Teams, Spt Bn.
10	RADIO REP TI	35E3O	SSG													1. Maint Cntl Sec or Commo Eqp Insp Sec, Maint Co/Sg Co/SptSqdn. 2. QC Sec, Transportation Co. 3. Maint Cntl Sec or AutomvRep sec, Spt Bn. One per Maint Unit supervising five or more radio repairpersonnel. 4. Electronic Maint Sec, SOA Regt, as first position.
11	RADIO REP STAFF NCO	35E3O	SSG													DOIM, Kuwait.
12	TI ANALYST	35E3O	SSG													MI Bn. Subsequent positions also graded SSG.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-35E-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	COMSEC/RADIO EQUIP RPR	35E1O	PFC		1	1	2	2	2							1. Grades of additional positions will be in same pattern and applied cumulatively to all positions at section level. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	COMSEC/RADIO EQUIP RPR	35E1O	SPC		1	1	1	1	2	2						
3	SR COMSEC/RADIO RPR	35E2O	SGT			1	1	1	1							
4	COMSEC/RADIO SUPV	35E3O	SSG							1						
5	COMSEC RADIO SUPV	35E3O	SSG													Opns Trng Br/Opns Engr Br/ Secure Voice FI/Commo Spt Tm/LCST/CSST Commo Br sections of WHCA. Subsequent positions graded by lines 1-4.
6	COMSEC RADIO SUPV	35E3O	SSG													1. Log Div, Sig Bn. 2. Def Inf Sys Agency, Europe. 3. TCF/DSN Sec, Allied Forces Europe. 4. Current Ops Br, CENTCOM.
7	RADIO REP TI	35E3O	SSG													1. COMSEC Acct Br, USAOMMCS. 2. QA Sec, Kuwait/Europe. 3. XMSN Sys Dir, USAISC Engr Cmd. 4. USAG, AK. 5. Subsequent TI also graded SSG.

Notes:

- \*Blank spaces in this column indicate not applicable.
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- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–35F–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts and lowers 170 pounds as part of a 2 soldier team(prorated at 85 pounds per soldier). 2. Occasionally lifts, lowers, carries, and pushes 65 pounds. 3. Frequently reads detailed technical manuals. 4. Must possess finger dexterity in both hands.
2	1, 2, 3, 4	
3	2, 3, 4	

**Table 10–35F–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
1	SP ELECT DEV REPAIRER	35F10	PFC				1	1	2	2	2						1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	SP ELECT DEV REPAIRER	35F10	SPC	1	1	1	1	1	1	2	3						
3	SR SP ELECT DEV REP	35F20	SGT	1	1	1	1	1	1	1							
4	SP ELECT DEV REP SUPV	35F30	SSG				1	1	1	1							
5	SP ELECT DEV REPAIRER	35F10	PFC	1	1	1	2	2									1. Support and Maintenance Battalions. 2. Grades of additional positions will be in same pattern.
6	SP ELECT DEV REPAIRER	35F10	SPC				1	1	2								
7	SR SP ELECT DEV REP	35F20	SGT			1	1	1	1								
8	SP ELECT DEV REP SUPV	35F30	SSG	1	1	1	1	1	1								
9	SP ELECT DEV ANALYST	35F30	SSG														1. Commo and Elect Plt Hq Sec of MI Co Tech Intel. 2. Subsequent positions also graded SSG.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–35F–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
1	SP ELECT DEV REPAIRER	35F10	PFC				1	1	2	2	2						1. Grades of additional positions will be in same pattern. Application of this standard also applied to AUGTDA. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	SP ELECT DEV REPAIRER	35F10	SPC	1	1	1	1	1	1	2	3						
3	SR SP ELECT DEV REP	35F20	SGT	1	1	1	1	1	1	1							
4	SP ELECT DEV REP SUPV	35F30	SSG				1	1	1	1							

**Table 10-35F-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
5	SR ELECT DEV REPAIRER	35F1O	PFC	1	1	1	2	2								1. Support and Maintenance Battalions. 2. Grades of additional positions will be in the same pattern.
6	SR ELECT DEV REPAIRER	35F1O	SPC			1	1	2								
7	SR SP ELECT DEV REP	35F2O	SGT			1	1	1	1							
8	SP ELECT DEV REP SUPV	35F3O	SSG	1	1	1	1	1	1							

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-35H-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1,2,3,4	1. Occasionally lifts 248 pounds 3 feet as part of a 3 soldier team (prorated 83 pounds). 2. Occasionally pushes with 120 ft/lbs of force. 3. Frequently reads detailed technical manuals. 4. Must possess finger dexterity in both hands.
2	1,2,3,4	
3	1,2,3,4	
4	3,4	

**Table 10-35H-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	TMDE SPECIALIST	35H1O	PFC			1	1									1. Grades of additional positions will be in same pattern.
2	TMDE SPECIALIST	35H1O	SPC			1	1	1								2. Grading pattern will be used for all positions not specifically identified in any other line.
3	TMDE SERGEANT	35H2O	SGT			1	1	1	1							3. Area TMDE Spt Aug Tm of AN/GSM-286 TMDE Spt Aug Tm LG.
4	TEAM CHIEF	35H3O	SSG					1								
5	TMDE SPECIALIST	35H1O	PFC	1	1	1	1	2	2	2	2	3				1. Grades of additional positions will be in same pattern.
6	TMDE SPECIALIST	35H1O	SPC			1	1	1	1	2	2	2				2. Area TMDE Spt Tm LC to operate AN/GSM-286 Calibration set for secondary transfer standards of basic LIN C72669.
7	TMDE SERGEANT	35H2O	SGT				1	1	1	1	2	2				3. Area TMDE Spt Tm LD to operate AN/GSM-287 Calibration set for secondary transfer standards of augmented LIN C72601.
8	TEAM CHIEF	35H3O	SSG			1	1	1	1	1	1	1				
9	SR TEAM CHIEF	35H4O	SFC						1	1	1	1				
10	TMDE SPECIALIST	35H1O	PFC	1	1	1	1	2	2	2	2	3				1. Grades of additional positions will be in same pattern.
11	TMDE SPECIALIST	35H1O	SPC			1	1	1	1	2	2	2				2. MW and Physical Sec in Area Calbr Lab Tm LF.
12	TMDE SERGEANT	35H2OD7	SGT				1	1	1	1	2	2				3. Direct Current and Low Frequency Sec in Area Calbr Lab Tm LF.
13	TEAM CHIEF	35H3OD7	SSG			1	1	1	1	1	1	1				
14	SR TEAM CHIEF	35H4OD7	SFC						1	1	1	1				

**Table 10–35H–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
15	TMDE QA/QC TI	35H3OD7	SSG	1	2	2										1. Grades of additional positions will be in same pattern. 2. Ops Sec in Ord Co TMDE. When only one position is authorized grade SFC.
16	TMDE QA/QC TI	35H4OD7	SFC	1												
17	TMDE MAINT SER-GEANT	35H2O	SGT													1. Maint Spt Br/C-E Material Br in HHC, COSCOM. 2. Elect Maint Br in MMC of COSCOM and TAACOM. 3. Elect Br/Spt & Maint Div in HHC and Spt Trp of TAACOM and COSCOM (EAC). 4. Avn Maint Br, Spt Ctr.
18	TMDE OPS SERGEANT	35H4O	SFC													Area TMDE Spt Det in Ord Co Aug TMDE.
19	DETACHMENT SER-GEANT	35H4O	SFC													Principal NCO in Det Hq with 75 or less soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–35H–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	TMDE SPECIALIST	35H1O	PFC	1	1	1	1	2	2	2	2	3				1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line. 1. Video Svc and Data Sys Unit Hq in WHCA. Subsequent positions also graded SGT.
2	TMDE SPECIALIST	35H1O	SPC		1	1	1	1	2	2	2					
3	TMDE SERGEANT	35H2OD7	SGT					1	1	1	2	2				2. Test Equip Sub Sec in Hq AFSE. Subsequent position also graded SGT.
4	SR TMDE SERGEANT	35H3OD7	SSG	1	1	1	1	1	1	1	1	1				3. LOGI Instr Spt in USA Elm AF Radio/Bio Rsch Institute.
5	TEAM CHIEF	35H4OD7	SFC						1	1	1	1				4. PM Office USA WSMR. 5. Army Acquisition Spt Agency.
6	TMDE SERGEANT	35H2O	SGT													
7	OPERATIONS SER-GEANT	35H4O	SFC													1. Area Calbr Rep Ctr when not authorized MOS 35Y MSG operations SGT. 2. Ord Co Aug TMDE.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–35J–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1,2,3,4,5	1. Occasionally lifts/lowers and carries 170 pounds as part of a 2 soldier team (prorated 85 pounds per soldier). 2. Occasionally lifts/lowers and carries 100 pounds as part of a 2 soldier team (prorated 50 pounds per soldier). 3. Occasionally handles 100 pounds in a constrained area. 4. Frequently reads complex schematic diagrams. 5. Must possess hand/eye coordination and finger dexterity in both hands.
2	1,2,3,4,5	
3	4,5	

**Table 10–35J–2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
1	COMPUTER/AUTO SYS REP TACFIRE SYS MAINT REP	35J10 35J10A7	PFC			1	1	2	2	2							1. Grades of additional positions will be in same pattern and applied to cumulative positions at section level. 2. Grading pattern will be used for all positions not specifically identified in any other line. 3. SG will not be reapplied separately to those positions associated with ASI A7.
2	COMPUTER/AUTO SYS REP TACFIRE SYS MAINT REP	35J10 35J10A7	SPC	1	1	1	1	1	2	3							
3	SR COMP/AUTO SYS REP TACFIRE SYS MAINT REP	35J20 35J20A7	SGT	1	1	1	1	1	1	1							
4	COMP/AUTO SYS REP SUPV TACFIRE SYS REP SUPV	35J30 35J30A7	SSG				1	1	1	1							
5	COMPUTER/AUTO SYS REP TACFIRE SYS MAINT REP	35J10 35J10A7	PFC	1	1	1											C-E Maint Sec in Maint Co.
6	COMPUTER/AUTO SYS REP TACFIRE SYS MAINT REP	35J10 35J10A7	SPC				1										
7	SR COMP/AUTO SYS REP TACFIRE SYS MAINT REP	35J20 35J20A7	SGT			1	1										
8	COMP/AUTO SYS REP SUPV TACFIRE SYS REP SUPV	35J30 35J30A7	SSG	1	1	1	1										
9	COMP/AUTO SYS QA/ QC TI	35J30 35J30A7	SSG														When duties require equipment inspection or QA/QC control inspection.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–35J–3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
1	COMPUTER/AUTO SYS REP	35J10	PFC			1	1										1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	COMPUTER/AUTO SYS REP	35J10	SPC	1	1	1	1										
3	SR COMP/AUTO SYS REP	35J20	SGT			1	1	1									
4	COMP/AUTO SYS REP SUPV	35J30	SSG				1										
5	COMP/AUTO SYS QA/ QC TI	35J30	SSG														When duties require equipment inspection or QA/QC control inspection.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–35L–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1,2,3	1. Occasionally lifts 97 pounds and carries 50 feet as part of a 2 soldier team (prorated at 49 pounds per soldier). 2. Must read detailed technical manuals. 3. Must possess finger dexterity in both hands.
2	1,2,3	
3	2,3	

**Table 10–35L–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	AVIONIC COMM EQ REP	35L1O	PFC		1	2	2	2	2							1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	AVIONIC COMM EQ REP	35L1O	SPC	1	1	1	1	2	2	3						
3	AVIONIC COMM EQ REP	35L2O	SGT		1	1	1	1	1	1						
4	AVIONIC COMM EQ SUPV	35L3O	SSG						1	1						

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–35L–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	AVIONIC COMM EQ REP	35L1O	PFC		1	2	2	2	2							1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	AVIONIC COMM EQ REP	35L1O	SPC	1	1	1	1	2	2	3						
3	AVIONIC COMM EQ REP	35L2O	SGT		1	1	1	1	1	1						
4	AVIONIC COMM EQ SUPV	35L3O	SSG						1	1						

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-35M-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Occasionally lifts/lowers and carries 190 pounds as part of a 4 soldier team (prorated 37.5 pounds per soldier). 2. Frequently reads complex schematic diagrams. 3. Must possess hand/eye coordination and finger dexterity in both hands.
2	1, 2, 3	
3	2,3	

**Table 10-35M-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	RADAR REPAIRER	35M1O	PFC	1	1	1										TPQ-36 Section. Grades of additional positions will be in same pattern.
2	RADAR REPAIRER	35M1O	SPC			1	1									
3	RADAR REPAIRER	35M2O	SGT				1									
4	RADAR REPAIRER	35M1O	PFC	1	1	1	1	2	2	2						1. Grades of additional positions will be in same pattern. 2. If not graded by lines 1-3 or 8-9, use this grading pattern.
5	RADAR REPAIRER	35M1O	SPC			1	1	1	2	2						
6	RADAR REPAIRER	35M2O	SGT			1	1	1	1	1	2					
7	RADAR REP SUPV	35M3O	SSG				1	1	1	1						
8	RADAR REPAIRER	35M1O	SPC	1	1											1. Grades of additional positions will be in same pattern. 2. MLRS Spt Tm. 3. AASLT Bn. 4. Radar Rep Team of: a. Maint Co. b. HHC of Spt Gp. 5. Maint Spt Team of CS Co.
9	RAEDAR REPAIRER	35M2O	SGT			1										
10	RADAR REPAIRER	35M2O	SGT													WLRS (TPQ-37) Section. subsequent positions also graded SGT.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-35M-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	RADAR REPAIRER	35M1O	PFC		1	1	1	1	2	2	2	3	3			1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	RADAR REPAIRER	35M1O	SPC		1	1	1	1	2	2	2	3	3			
3	RADAR REPAIRER	35M2O	SGT			1	1	1	1	2	2	2	3			
4	RADAR REPAIR SUPV	35M3O	SSG				1	1	1	1	1	1	1			
5	RADAR REPAIR SUPV	35M3O	SSG													EWS Maint Sec of US ADA School.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-35N-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Frequently lifts, carries, pushes, and pulls 297 pounds as part of a 2 soldier team (prorated 148 pounds persoldier). 2. Occasionally lifts/lowers and carries 446 pounds 30-60feet as part of a 4 soldier team (prorated 111.5 pounds persoldier). 3. Frequently reads complex schematic diagrams. 4. Must possess finger dexterity in both hands.
2	1, 2, 3, 4	
3	3, 4	

**Table 10-35N-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
1	Wire sys equip rep	35N10	PFC				1	1	1	2							1. Grades of additional positions will be in same pattern and applied cumulative at section level.
2	Wire sys equip rep	35N10	SPC	1	1	1	2	2	2								2. Sig Maint Sec of HHC SOCB.
3	Sr wire sys equip rep	35N20	SGT	1	1	1	2	2									3. Elect Maint Sec of Fwd Maint Co Abn. 4. TTT/Teleph and Wire Sec in Maint Co Lt Equip GS.
4	Wire sys equip rep	35N10	PFC			1	2	2	2	2	3	4	5				1. Grades of additional positions will be in same pattern and applied cumulative at section level.
5	Wire sys equip rep	35N10	SPC	1	1	1	1	1	1	2	2	2	2				2. Elect Maint Sec of:
6	Sr wire sys equip rep	35N20	SGT	1	1	1	2	2	2	2	2	2	2				a. HHC of Med Bn.
7	Wire sys repair supv	35N30	SSG					1	1	1	1	1	1				b. Hq and Lt Maint Co of Maint Bn AASLT. c. Ord Trp Spt Bn of Hvy ACR. d. Lt Maint Co of MSB Abn. 3. Sig Maint Sec in Ops Co of Sig Cmd TA. 4. Elect Equip Rep Sec in Ord Maint Co of SIB. 5. TTY/Tel and Wire Sec (and second shift) in Maint Co Lt Equip GS.
8	Wire sys equip rep	35N10	PFC			1	1	2									1. Grades of additional positions will be in same pattern and applied cumulative at section level.
9	Wire sys equip rep	35N10	SPC			1	1	1	1								2. Elect Rep and/or Maint Sec of:
10	Sr wire sys equip rep	35N20	SGT	1	1	1	1	1									a. Lt Ord Maint Co. b. Ord Maint Co of Fwd Spt Bn.
11	Wire sys repair supv	35N30	SSG			1	1										c. Hq and Lt Ord Maint Co of Abn, LID, and Mtz Inf Div. d. Electronics Maint Co. 3. Commo and Elect Maint Sec in Maint Co DS CHAP/VUL/FAAR. 4. Electronics Maint Co.
12	Wire sys equip rep	35N10	PFC			1	1	2									1. Grades of additional positions will be in same pattern and applied cumulative at section level.
13	Wire sys equip rep	35N10	SPC			1	1	1	1								2. Commo and Elect Maint Sec of:
14	Sr wire sys equip rep	35N20	SGT			1	1										a. Ops Spt Co of Corps. b. HHC of Corps Spt Sig Bn MSE.
15	Wire sys repair supv	35N30	SSG	1	1	1	1	1									c. Bn Sig Maint Sec in HHC Ops Bn Abn. d. Maint Co of non-divisional DS. 3. Commo Equip Rep Sec in Sig Commo Equip Rep Plt LH.
16	Wire sys equip rep	35N10	PFC														Single position in: a. Arty Sys Spt Tm and Elect Equip Rep Sec in Ord Maint Co FSB Inf Div. b. Elect Maint Sec in: (1) Hq and Lt Maint Co Abn. (2) Fwd Spt Co of Maint Bn AASLT. (3) Fwd Spt Maint Co of LID. (4) Ord Maint Co of FSB LID. c. Elect Equip Rep Sec in Ord Maint Co. d. Commo and Elect Sec in; (1) Hq and Main Spt Co of Maint Bn LID. (2) Ord Maint Co of FSB LID. e. Aug Commo and Elect Rep Tm LH. f. Aug Maint Spt Tm LO. g. Aug Inf Div Lt Spt Tm LP.

**Table 10–35N–2**  
Standards of grade TOE/MTOE—Continued

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
17 Wire Sys equip rep	35N1O	SPC													Single position in: a. Bn Sig Maint Sec of HHC Fwd Ops Bn Abn. b. Co Hq Sec of Radio Ops Co of Sig Cmd. c. Commo and Elect Maint and/or Rep Sec; (1) Sig Ops Co, Med Hq; ADA Sig Bn; ADA Bde. (2) Sig Co of TAACOM. (3) Area Sig Co. (4) ADA Sig Bn. (5) Maint Co DS HAWK TA 4x2. (6) MI Co Sig Intel of Sep EAC; Cont and Proc of EAC. (7) Grnd Maint Co DASB. (8) Range Extension Co. d. Elect Maint Sec in: (1) Lt Ord Maint Co. (2) Maint Co of Fwd Spt Bn Hvy Div. (3) Maint Co DA PATRIOT of ADSCOM. (4) Grnd Spt Equip Rep Sec in Grnd Maint Co DASB Atk. (5) Spt Co of SF Gp Abn. e. Maint Spt Tm, Maint Co NonDivisional.
18 Sr wire sys equip rep	35N2O	SGT													Single position in: a. Elect Maint Sec in Fwd Spt Co of Ord Bn Abn. b. Inf Mech Sys Spt Tm LB. c. Maint Sec, Hq and Maint Spt Co, SOSB(Abn). d. Electronic Rep Sec in Fwd Spt Co of Special Opns Bn(Abn).
19 Wire sys QA/QC TI	35N3O	SSG													Ident and Insp Sec of Ord Svc Co for Coll and Class.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–35N–3**  
Standards of grade TDA

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 WIRE SYS EQUIP REP	35N1O	PFC			1	2	2	2							1. Grades of additional positions will be in same pattern and applied cumulative at section level.
2 WIRE SYS EQUIP REP	35N1O	SPC	1	1	1	1	2	2							2. Grading pattern will be used for all positions not specifically identified in any other line.
3 SR WIRE SYS EQUIP REP	35N2O	SGT		1	1	1	1	1							
4 WIRE SYS REPAIR SUPV	35N3O	SSG							1						

Notes:

1. \*Blank spaces in this column indicate not applicable.

2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–35Q–1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts 66 pounds and carries 15 feet.
2	1, 2, 3, 4	2. Must possess normal color vision.
3	2, 3, 4	3. Frequently reads detailed technical manuals. 4. Must possess finger dexterity in both hands.

**Table 10–35Q–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
1	AVIONIC FLT SYS REP	35Q1O	PFC				1	2	2	2	2						Grades of additional positions will be in same pattern. Supervision of 5 or more subordinate MOS 35Q.
2	AVIONIC FLT SYS REP	35Q1O	SPC	1	1	1	1	2	2	3							
3	AVIONIC FLT SYS REP	35Q2O	SGT			1	1	1	1	1	1						
4	AVIONIC FLT SYS SUPV	35Q3O	SSG							1	1						

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–35Q–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
1	AVIONIC FLT SYS REP	35Q1O	PFC				1	2	2	2	2						1. Grades of additional positions will be in same pattern.
2	AVIONIC FLT SYS REP	35Q1O	SPC	1	1	1	1	2	2	3							2. Grading pattern will be used for all positions not specifically identified in any other line.
3	AVIONIC FLT SYS REP	35Q2O	SGT			1	1	1	1	1	1						
4	AVIONIC FLT SYS SUPV	35Q3O	SSG							1	1						

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–35R–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts 66 pounds and carries 15 feet.
2	1, 2, 3, 4	2. Must possess normal color vision.
3	2, 3, 4	3. Frequently reads detailed technical manuals. 4. Must possess finger dexterity in both hands.

**Table 10–35R–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
1	AVIONIC RADAR REP	35R1O	PFC				1	2	2	2	2						1. Grades of additional positions will be in same pattern.
2	AVIONIC RADAR REP	35R1O	SPC	1	1	1	1	2	2	3							2. Grading pattern will be used for all positions not specifically identified in any other line.
3	AVIONIC RADAR REP	35R2O	SGT			1	1	1	1	2	2						
4	AVIONIC RADAR SUPV	35R3O	SSG														

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10-35R-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	AVIONIC RADAR REP	35R1O	PFC		1	2	2	2	2							1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	AVIONIC RADAR REP	35R1O	SPC	1	1	1	1	2	2	3						
3	AVIONIC RADAR REP	35R2O	SGT		1	1	1	1	2	2						
4	AVIONIC RADAR SUPV	35R3O	SSG													

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-35W-1  
Physical requirements**

Skill level	Task numbers	Tasks
4	1, 2, 3	1. Must possess finger dexterity in both hands. 2. Frequently reads complex schematic diagrams. 3. Frequently writes to keep records and compile data.
5	1, 2, 3	

**Table 10-35W-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	ELECTRONIC MAINT SUPV	35W4O	SFC	1. Maint Co/Maint Bn. 2. Sig Det/Sig Co/Sig Bn/Sig Bde. 3. MI Bn/PO SF Gp, SDC/Bn/CS Bn/Med Bn/Avn Bn. 4. Spt Bn/Fwd Spt Bn. 5. Spt Co or Spt Bn, SF Gp. 6. Spt Sqdn, Armored CAV or FSB (Abn). 7. National Spt Elm Allied Cmd Europe. 8. Bn, Div MSE/Corps MSE.
2	MAINT COORDINATOR	35W4O	SFC	1. DISCOM, Abn/Inf/Cav/Armor/Maint or AASLT. 2. Spt Ctr/Spt Cmd/MMC, COSCOM. 3. Hq, HHC 3rd Army or HHC, Spt Gp (Corps). 4. HHT, Spt Sqdn, ACR/HHD, MSB/Spt Bn, Hvy Div or SIB. 5. HHC & Spt Trp, TAACOM and MMC TAACOM/TA.
3	ELECT MAINT QA/QC TI	35W4O	SFC	1. QA/QC Control Inspection on Communication and electronic equipment and associated equipment. 2. IG Sec, COSCOM or HHC & Sp Trp, TAACOM.
4	PLATOON SERGEANT	35W4O	SFC	Principal NCO in Plt Hq Sec of Company, battery, troop and/or in separate platoon.
5	MAINT CONTROL SUPV	35W4O	SFC	Maint Control Section DS/GS.
6	ELEC MAINT CHIEF	35W5O	MSG	1. Maint Co/Maint Bn. 2. Sig Co/Sig Bn/Sig Bde. 3. CE Maint Sec of Sig Bn. 4. MI Bn. 5. Spt Bn/Fwd Spt Bn. 6. MMC, COSCOM.
7	MAINT STAFF NCO	35W5O	MSG	1. Spt Ctr/Spt Gp. 2. COSCOM, MMC, TA and HHC & Sp Trp/MMC, TAACOM. 3. Maint Div, HHC Sig Cmd, HHC Area Spt Gp.
8	FIRST SERGEANT	35W5M	1SG	Principal NCO in company, battery, troop or equivalent level organization with 75 or more personnel.

Notes:

- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–35W–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	ELECTRONIC MAINT SUPV	35W4O 35W4OY5	SFC	1. Communications electronics maintenance, signal maintenance, and radar section supervising 5 to 30 personnel performing electronics maintenance functions. 2. Supervision of 10 or more avionic personnel in an avionic maint shop. 3. Avn Br, Avn Maint Br, Avn Materiel Br or Maint Spt Br, CS/DISCOM/COSCOM/TAACOM Aug. 4. Maint Sup/Ops Sec, Avn Maint Bn (AVIM) Aug.
2	MAINT CONTROL SUPV	35W4O	SFC	1. Maintenance control, material and/or maintenance operations section of MACOM U.S. Army Garrison, Tng Bn, Bde, Div, Spt Cmd of TAACOM; or WHCA maintenance activity supervising 15 or more electronic and COMSEC equipment maintenance repair personnel. 2. Resource Sec in HHD of Sig Bn.
3	ELECT MAINT QA/QC TI	35W4O	SFC	QA/QC control inspection on communication and electronic and associated equipment.
4	OPS/PROJ NCO	35W4OY5	SFC	Ops Div of U.S. Army Intel and Scty, CONUS and Europe.
5	CAREER ADVISOR	35W4O	SFC	Ordnance Branch, EPMD, PERSCOM.
6	PLATOON SERGEANT	35W4O	SFC	Principal NCO in Plt Hq Sec of company, battery, troop and or in separate platoon.
7	COMSEC MAINT CHIEF	35W50	MSG	Principal NCO in COMSEC maintenance section supervising 6 or more communications security maintenance personnel.
8	ELECT MAINT STAFF NCO	35W50	MSG	1. MACOM and/or subordinate units and WHCA maintenance activity for performance of staff funtions requiring technical expertise in the maintenance and support of electronics equipment and systems in: a. Environmental and Health Sec of U.S. Army Elect Proving Ground. b. Commo Agcy of WHCA. c. Div of AMC U.S. Army Depot. 2. HHC of LG Area Spt Gp.
9	ELECTRONIC MAINT CHIEF	35W50	MSG	Principal NCO in Logistic Spt, S4, Maint Sec of division, branch section, and/or facility engaged in the maintenance of electronic and associated equipment in: a. U.S. Army Depot; INSCOM unit or acty; SF Cmd or FOA. b. U.S. Army Element of U.S. and non-U.S. Joint, Combined, Unified and Specified Commands. c. Seperate branch, station and element of WHCA. d. Training Bn or higher level maintenance unit or facility. e. Scty Det of U.S. Army Reserve Tech Gp, ARCOM.
10	SR CAREER MGMT NCO	35W50	MSG	LD/PPO, USAOMMCS
11	FIRST SERGEANT	35W5M	1SG	Principal NCO in company, battery, troop or equivalent level organization with 75 or more personnel.

Notes:

1. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–35Y–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Frequently lifts 130 pounds 4 feet as part of a2 soldier team (prorated 65 pounds per soldier). 2. Occasionally lifts, lowers and carries 84 pounds up to a distance of 15 feet (prorated 42 pounds per soldier). 3. Must possess finger dexterity in both hands. 4. Frequently reads detailed technical manuals.
2	1, 2, 3, 4	
3	3, 4	
4	3, 4	
5	3, 4	

**Table 10-35Y-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	IFTE OPR/MAINT	35Y1O	PFC		1	1	1									1. Grades of additional positions will be in same pattern and applied cumulative at section level.
2	IFTE OPR/MAINT	35Y1O	SPC	1	1	1	2	2								2. Grading pattern will be used for all positions not specifically identified in any other line.
3	IFTE OPR/MAINT	35Y2O	SGT	1	1	1	1									
4	IFTE OPR/MAINT SUPV	35Y3O	SSG					1								
5	SR MAINT SUPERVISOR	35Y4O	SFC													1. MLRS Maint Sec, Ord Det/Ord Co. 2. Elec Maint Br Rear, Spt Center/MMC COSCOM. Subsequent positions also graded SFC.
6	SR IFTE QA/QC TI	35Y4O	SFC													Maint Con Sec for QA/QC of AVENGER and MLRS Wpn Sys and IFTE in Ord Msl Spt Co of Hvy and LID.
7	PLATOON SERGEANT	35Y4O	SFC													Principal NCO in a Plt.
8	TMDE OPS SERGEANT	35Y5O	MSG													1. Ops Sec of Maint Co. 2. TMDE Maint Co Aug. 3. Test/Diag Section of Spt Bn.
9	LAB MAINT SUPERVISOR	35Y5OD7	MSG													Area Calbr Lab Sec of Area Calbr Lab Tm LF.
10	FIRST SERGEANT	35Y5M	1SG													Principal NCO in company with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-35Y-3**  
**Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	IFTE OPR/MAINT	35Y1O	PFC		1	1	1									Grades of additional positions will in same pattern and applied cumulative at section level.
2	IFTE OPR/MAINT	35Y1O	SPC	1	1	1	2	2								2. Grading pattern will be used for all positions not specifically identified in any other line.
3	IFTE OPR/MAINT	35Y2O	SGT	1	1	1	1									
4	IFTE OPR/MAINT SUPV	35Y3O	SSG					1								
5	TMDE OPS SERGEANT	35Y5OD7	MSG													1. NET and Tech Spt Br in U.S. Army Tng TMDE of U.S. Army Redstone Arsenal. 2. EO Dir of USA ELM AF Info Service. 3. Ops Sec in Ord Maint Co TMDE. 4. ATST of Ord Maint Co TMDE. 5. Ops Div of USA Elm Def Eval Spt Activity.
6	TRAINING NCO	35Y5O	MSG													1. Readiness ofc in U.S. Army Tng Acty TMDE of U.S. Army Redstone Arsenal. 2. Msl Sys Mgt Office of USAOMMCS.
7	LAB MAINT SUPERVISOR	35Y5OD7	MSG													Area Calbr Lab in Ord Maint Co TMDE.
8	DIS 1SG TMDE	35Y5M	1SG													TMDE Tng Det of USAOMMCS.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–35Z–1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2, 3	<ol style="list-style-type: none"> <li>1. Must possess finger dexterity in both hands.</li> <li>2. Frequently reads complex schematic diagrams.</li> <li>3. Frequently writes to keep records and compile data.</li> </ol>

**Table 10–35Z–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	TMDE OPS SERGEANT	35Z5O	SGM	Principal NCO in S3 Sec of HHD Ord Maint Bn TMDE.
2	SR MAINT NCO	35Z5O	SGM	<ol style="list-style-type: none"> <li>1. Maint Spt Br, HHC Corps Sp Bn.</li> <li>2. Maint Staff, HHB ADA Bde.</li> <li>3. Cell/Main, HHC Corps.</li> <li>4. Elec Br, HHC SUPCOM.</li> <li>5. Aug, HHC Sig Bde.</li> <li>6. C-E Material Br, HHC, COSCOM.</li> <li>7. Elec Dir, MMC TA.</li> <li>8. Ofc, TAACOM.</li> </ol>

Notes:

1. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–35Z–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	TMDE OPERATIONS CHIEF	35Z5OD7	SGM	TMDE Activity of U.S. Army Redstone Arsenal.
2	ATC SYS INTEGRATOR	35Z5O	SGM	Principal enlisted ATC systems integrator in U.S. Army ATC Acty, U.S. Army Avn Ctr.
3	CH MAINT NCO	35Z5O	SGM	<ol style="list-style-type: none"> <li>1. Bn Maint Sec, US Air Def Sch.</li> <li>2. Army Acquisition Support Agency.</li> <li>3. Rep Section, AFSOUTH.</li> <li>4. PMO CCAWS, AAESA Ft Belvoir.</li> </ol>
4	CH MSL SYS NCO	35Z5O	SGM	USA Reg Tng Dev, RTT YAK Ft Lewis.
5	CH CMBT DEV NCO	35Z5O	SGM	Single Agency Manager, Pentagon ITS.
6	CH PRG MGT NCO	35Z5O	SGM	Msl, UAV or TMDE project office.
7	CH OPS NCO	35Z5O	SGM	<ol style="list-style-type: none"> <li>1. Comm Sys Svc Div, Pentagon.</li> <li>2. Ops/Ex Br, FORSCOM Hq.</li> <li>3. Program or Project Manager's Ofc, MICOM.</li> </ol>
8	CH LOG NCO	35Z5O	SGM	Log Br, SHAPE Hq.
9	TECH PLANS NCOIC	35Z5O	SGM	White House Situation Spt.

Notes:

1. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–37F–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts and lowers 100 pounds 5 feet and carries 100 feet as part of a 2 soldier team (prorated 50 pounds).
2	1, 2, 3, 4, 5	2. Frequently stands, stoops, or kneels while filing.
3	2, 3, 4, 5	3. Must possess finger dexterity in both hands.
4	3, 4, 5	4. Frequently writes reports and compiles data.

**Table 10-37F-1**  
**Physical requirements—Continued**

Skill level	Task numbers	Tasks
5	3, 4, 5	5. Frequently provides verbal briefings.

**Table 10-37F-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	PSYOP SPECIALIST	37F1O	PFC			1	1	1	1	2	2	2	2	1. Grades of additional positions will be in same pattern. 2. Positions may be coded with SQI L.
2	PSYOP SPECIALIST	37F1O	SPC	1	1	1	2	2	3	3	3	4	5	
3	PSYOP SERGEANT	37F2O	SGT	1	1	1	2	2	2	3	3	3		
4	VEHICLE DRIVER	37F1O	PFC											
5	TEAM CHIEF	37F3O	SSG											1. Principal NCO in: a. Tac PSYOP Tm. b. Bde PSYOP Spt Elm. 2. Prod Dev Ctr. Second Team chief will be graded SGT. 3. PSYOP EPW Co. a. Rsch & Analysis Tm. b. Audio-visual Tm.
6	ASST OPERATIONS SGT	37F3O	SSG											1. S3 Sec in PSYOP Bn and Gp. 2. Div PSYOP Spt Elm.
7	PSYOP SERGEANT	37F3O	SSG											Encl Cell of PSYOP EPW Co.
8	SENIOR PSYOP SGT	37F4O	SFC											Principal NCO in: a. Prod Dev Ctr Hq. b. Div PSYOP Spt Elm. c. Encl Cell of PSYOP EPW Co. d. Rsch & Analysis Tm of PSYOP EPW Co.
9	STAFF OPERATIONS NCO	37F4O	SFC											1. S3 Sec in PSYOP Gp. 2. S3 Sec in PSYOP EPW/CI Bn. Second position also graded SFC. 3. G3 Sec in Hq of 3rd Army. 4. C2W Br of Army Svc Comp Cmd.
10	PSYOP STAFF NCO	37F4O	SFC											G3 Sec in Div Hq.
11	OPERATIONS SERGEANT	37F5O	MSG											1. Principal Ops NCO in S3 of PSYOP Bn. 2. G3 Sec in Hq of 3rd Army. 3. PSYOP Br in Army Svc Comp Cmd.
12	SR PSYOP STAFF NCO	37F5O	MSG											G3 Sec of Corps.
13	FIRST SERGEANT	37F5M	1SG											Principal NCO in: a. PSYOP Co. b. Strat Dissem Co.
14	SR OPERATIONS SGT	37F5O	SGM											Principal Ops NCO in S3 Sec of PSYOP Gp.

Notes:

- \*Blank spaces in this column indicate not applicable.
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- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-37F-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	PSYOP SERGEANT	37F2O	SGT	USASOC (full time manning): a. G3 Tng Ofc. b. Prod Dev Ctr.
2	PSYOP NCO	37F3O	SSG	1. S3 Sec of USASETAF. 2. G3 Sec of USASOC (full time manning): a. Tng Ofc. b. Plns/Ops. Second position also graded SSG.
3	PSYOP STAFF NCO	37F4O	SFC	1. PSYOP Ops Div of USASOUTHCOM. 2. Plns Div of USASETAF. 3. G3 Sec of USASOC (full time manning). a. Tng Ofc. Second position also graded SFC. b. Plns/Ops Div. 4. Excer Br of SOC (Pacific). 5. EUCOM/CENTCOM Br of USASOC. 6. Plns Sec/Div of Div Hq.
4	PSYOP NCO	37F4O	SFC	1. G3 Force Dev of USASOC (full time manning). Second position will be graded SSG. 2. DFI Strategy Ofc. Second position also graded SFC.
5	SENIOR PSYOP SER-GEANT	37F4O	SFC	USASOC (full time manning): a. S3 Sec of PSYOP Bn. b. Div PSYOP Spt Elm.
6	OPERATIONS SERGEANT	37F5O	MSG	USASOC (full time manning): a. G3 Tng Ofc. b. S3 Sec of PSYOP Bn.
7	SR PSYOP STAFF NCO	37F5O	MSG	Sp Acty Div of USA Sp Acty Mgt Unit.
8	FIRST SERGEANT	37F5M	1SG	Principal NCO in "A" PSYOP Tng Co of USAJFKSWCS.
9	SR PSYOP STAFF NCO	37F5O	SGM	ACOM/SOUTHCOM Br of USASOC.

Notes:

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**Table 10-38A-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Occasionally lifts and lowers 25 pounds 3 to 5feet.
2	1, 2, 3	2. Occasionally carries 25 pounds 6 to 50 feet.
3	1, 2, 3	3. Occasionally walks/marches 1 to 20 miles.
4	1, 2, 3	
5	1, 2, 3	

**Table 10-38A-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*											Explanatory notes
				1	2	3	4	5	6	7	8	9	1		
1	Civil affairs sp	38A1O	PFC				1	1	1	2	2	2	2	3	Civil Affairs (CA) Tm.
2	Civil affairs sp	38A1O	SPC	1	1	1	2	2	2	2	2	3	3		
3	Civil affairs	38A2O	SGT	1	1	1	1	1	2	2	2	2			
4	Civil affairs sgt	38A3O	SSG				1	1	1	2	2	2			

**Table 10–38A–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*											Explanatory notes
				1	2	3	4	5	6	7	8	9	1		
5	CA linguist	38A1O	SPC	1	1	1	2	2	2	3	3	4			1. CA Linguist Team. 2. Supervisor provided for by line 19.
6	CA linguist	38A2O	SGT	1	1	1	2	2	2	3	3	4	4		
7	CA linguist	38A3O	SSG		1	1	1	2	2	2	2	2	2		
8	Operations sgt	38A2O	SGT		1										S3, CA FID/UW Bn.
9	Asst operations sgt	38A3O	SSG		1	1									
10	Operations sergeant	38A5O	MSG	1	1	1									
11	Asst team chief	38A4O	SFC		1										CINC Spt Tm, CA Spt TM A and B.
12	Team NCOIC	38A5O	MSG	1	1										
13	Vehicle driver	38A1O	PFC												
14	Intelligence sergeant	38A2O	SGT												G2 of: a. CA Command (TA) b. CA Bde
15	Team sergeant	38A3O	SSG												Principal NCO, CA Team, consisting of 4 or less soldiers.
16	Asst operations sgt	38A3O	SSG												1. G3 of: a. CA Command (TA). b. CA Bde. 2. Serves as assistant to NCO in line 17.
17	Operations sergeant	38A4O	SFC												1. G3 of: a. CA Command (TA). b. CA Bde. 2. Serves as assistant to principal NCO in line 24.
18	Team sergeant	38A4O	SFC												Principal NCO of: a. CA Team, consisting of five or more soldiers. b. Direct support Team, CA Det (DS).
19	Sr CA linguist	38A4O	SFC												Principal NCO of CA Linguist Team.
20	Intelligence sergeant	38A4O	SFC												1. S2, CA FIF/UW Bn. 2. CA CINC Support Team.
21	Detachment sergeant	38A4O	SFC												Principal NCO of a Civil Affairs detachment.
22	Operations sergeant	38A5O	MSG												S3 section, CA Bn.
23	First sergeant	38A5M	1SG												Principal NCO of a Civil Affairs company.
24	Sr operations sergeant	38A5O	SGM												Principal NCO of G3: a. CA Command (TA). b. CA Bde.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–39B–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1,2,3,4,5	1. Occasionally lifts 185 pounds 3 feet as part of a 2 soldier team (prorated at 92.5 pounds per soldier). 2. Occasionally lifts, lowers and carries 45 pounds up to a distance of 30 feet. 3. Occasionally lifts and lowers 40 pounds 3 feet. 4. Frequently reads complex schematic diagrams. 5. Must possess finger dexterity in both hands.
2	1,2,3,4,5	
3	3,4,5	

**Table 10–39B–2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
<b>AN/MSM-105(V)1</b>																
1	ATE OPR/PCB REP	39B1O	PFC		1	1	1	2	2							1. Grades of additional positions will be insame pattern and applied cumulatively to all positions at section level. 2. Grading pattern will be used for all positions not specifical-lyidentified in any other line. 3. ATE Spt Sec of Fwd Spt Bn Aug. 4. RAD, DIG, SED, ATE Sec of Ord Maint Co and ATE Rep Plt LI.
2	ATE OPR/PCB REP	39B1O	SPC	1	1	1	2	2	2	3						
3	SR ATE OPR	39B2O	SGT	1	1	1	1	1	1							
4	ATE SUPERVISOR	39B3O	SSG				1	1	1							

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5	ATE OPR/PCB REP	39B1OX1	PFC		1	1	1	2	2						1. Grades of additional positions will be in same pattern and applied cumulatively to all positions at section level. 2. Auto Test Equip Ops Sec and NAV FLT CON & RAD Shop in Avn Maint Co. Avionc Com EQ Rep Sec of Avn Co. 4. EETF Sec of Avn Bn and Aug Tm.
6	ATE OPR/PCB REP	39B1OX1	SPC	1	1	1	2	2	3						
7	SR ATE OPR	39B2OX1	SGT	1	1	1	1	1	1	1					
8	ATE SUPERVISOR	39B3OX1	SSG				1	1	1	1					

Notes:

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- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–39B–3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	ATE OPR/PCB REP	39B1O	PFC			1	1	1	2						1. Grades of additional positions will be in same pattern. 2. ATE Test and Rep Sec in ATE Test and Ordnance Missile and Munitions Center Diag Ctr of Hq AFCE.
2	ATE OPR/PCB REP	39B1O	SPC	1	1	1	2	2	2						
3	SR ATE OPR/PCB REP	39B2O	SGT	1	1	1	1	1							
4	ATE SUPERVISOR	39B3O	SSG				1	1							
5	ATE OPR/PCB REP	39B1O	SPC		1	1								1. Grades of additional positions will be in same pattern. 2. Module Sub Sec of Hq AFSOUTH.	
6	SR ATE OPR	39B2O	SGT	1	1	1									
7	ATE SUPERVISOR	39B3O	SSG												

Notes:

- \*Blank spaces in this column indicate not applicable.
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**Table 10–42E–1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts 100 pounds and carries 30 feet as part of a 2 or 3 soldier team (prorated 33-50 pounds).
2	1, 2, 3, 4	2. Occasionally lifts 325 pounds and carries 9 feet as part of a 6 soldier team (prorated 60 pounds).
3	1, 2, 3, 4	3. Must possess finger dexterity in both hands and hand/eye coordination.
4	3	4. Require considerable walking, standing, and full use of upper/lower extremities.

**Table 10-42E-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	OPTICAL LAB SP	42E1O	PFC		1	1	1	2	2	3	3	4	4	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	OPTICAL LAB SP	42E1O	SPC		1	1	1	2	2	3	3	4	4	
3	OPTICAL LAB SGT	42E2O	SGT			1	1	1	1	1	1	1	2	
4	OPTICAL LAB SP	42E1O	PFC			1	1	2	2					1. Tm in Opt Sec in Log Spt Co of Med Log Bn (Rear). 2. Tm's in Opt Sec's will be graded separately. Only one SGT (Tm Ch) per team.
5	OPTICAL LAB SP	42E1O	SPC		1	1	1	1	2					
6	OPTICAL LAB SGT	42E2O	SGT			1	1	1						
7	OPTICAL LAB SGT	42E2O	SGT											Principal Opt Lab NCO in Opt Spt Sec of: a. Med Co of Main Spt Bn (Abn) and Sep Bde. b. HHD and Hq Spt Co of Area Spt Bn (ASB). c. Hq and/or Co Hq of Med Bn. d. QA Div in Med Ctr of TMMMC. e. Med Log Co. Second Opt Lab position will be graded SPC.
8	OPTICAL LAB NCO	42E3O	SSG											Principal Opt Lab NCO in Opt Sec of: a. Log Spt Co of Med Log Bn (Fwd). Subsequent Opt positions will be graded by lines 4-6. b. Opt Sec of Med Det.
9	SR OPTICAL LAB NCO	42E4O	SFC											Principal Opt Lab NCO in Opt Lab Sec of: a. Log Spt Co of Med Log Bn (Rear). Second Opt Lab NCO position will be graded SSG. Subsequent Opt Lab will be graded by lines 4-6. b. Thtr Med Mat Mgt Ctr (TMMMC).

Notes:

- \*Blank spaces in this column indicate not applicable.
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- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-42E-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	OPTICAL LAB SP	42E1O	PFC			1	1	2	2	3	3	4	4	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions when not specifically identified in any other line.
2	OPTICAL LAB SP	42E1O	SPC		1	1	1	2	2	3	3	3	4	3. Grading pattern is also applicable to Reserve Components.
3	OPTICAL LAB SGT	42E2O	SGT			1	1	1	1	1	1	2	2	
4	OPTICAL LAB NCO	42E3O	SSG											1. Opt Lab NCO in: a. Visual Sci Br of U.S. Army Aero Med Rsch Lab. b. Opt Fab Lab of MEDDAC--(Ft Eustis-NOSTRA, NWS, Yorktown). c. MEDDAC--(Fts Benning, Knox Leonard Wood and Sill) grade SSG as second position. 2. MEDCEN--(BAMC) grade SSG as second and third position. 3. MEDDAC--(Ft Jackson) subsequent lab positions grade SSG as second and third position. 4. One per Opt Sec (Reserve Components).
5	SR OPTICAL LAB NCO	42E4O	SFC											1. Principal Opt Lab NCO in Opt Fab Lab and/or Sec of: a. MEDCEN--(BAMC and TAMC). b. MEDDAC--(Fts Benning, Jackson, Knox and Leonard Wood). 2. Principal Opt Lab NCO in Opt Fab Det of MEDDAC--(Ft Eustis-NOSTRA, NWS, Yorktown). 3. Principal Opt Lab NCO in Opt Acty Div of U.S. Army Med Mat Ctr (Europe).

Notes:

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**Table 10-43M-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts 105 pounds and carries 25 feet.
2	1, 2, 3, 4, 5	2. Occasionally lifts 80 pounds 50 inches and carries 50 feet.
3	1, 2, 3, 4, 5	3. Frequently pulls 100 pounds 3 feet.
4	4, 5	4. Must possess finger dexterity in both hands. 5. Frequently inspects equipment visually.

**Table 10-43M-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	FABRIC REPAIR SP	43M1O	PFC		1	1	2	2	2	3	3	3	4	Grades of additional positions will be in same pattern.
2	FABRIC REPAIR SP	43M1O	SPC		1	1	1	1	2	2	2	3	3	
3	FABRIC REPAIR SP	43M2O	SGT			1	1	1	2	2	2	3	3	
4	FABRIC REPAIR SP	43M1O	SPC		1	2								Caisson Plt, 1st Bn 3rd Inf.
5	FABRIC REPAIR SP	43M2O	SGT		1	1	1							
6	VEHICLE DRIVER	43M1O	PFC											
7	FABRIC REPAIR INSP	43M3O	SSG											1. Class Sec and Renovation Sec, QM Laundry and Renovation Co (subsequent positions graded SSG). 2. Ground Spt Maint Br, MMC TA.
8	FABRIC REPAIR NCO SECTION CHIEF	43M3O	SSG											1. Supervision of 10 or more personnel in a field service, repair or renovation sec or plt. 2. Class Sec, QM Laundry & Renovation Co.
9	FABRIC REPAIR NCO	43M4O	SFC											1. Supervision of 10 or more personnel in a clothing textile section of a DS maintenance company. 2. GSE Maint Br, MMC COSCOM/TAACOM. 3. ACofS & Svc Sec, HHC & Spt Trp, TAACOM. 4. Intl Spt Div, MMC (SplitOps) COSCOM.

Notes:

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- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-43M-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	FABRIC REPAIR SP	43M1O	PFC		1	1	2	2	2	3	3	3	4	Grades of additional positions will be in same pattern.
2	FABRIC REPAIR SP	43M1O	SPC		1	1	1	1	2	2	2	3	3	
3	FABRIC REPAIR SP	43M2O	SGT			1	1	1	2	2	2	3	3	

Notes:

- \*Blank spaces in this column indicate not applicable.
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**Table 10-44B-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts up to 118 pounds 3 feet and carries up to 25 feet.
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts up to 200 pounds 5 feet and carries up to 25 feet as part of a 2 soldier team (prorated 80 pounds). 3. Must possess normal color vision. 4. Must possess finger dexterity in both hands. 5. Frequently stands for prolonged periods of time. 6. Must be able to wear a leather apron and arm protectors.

**Table 10-44B-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	WELDER METAL WORKER REPAIRER RADIATOR REPAIRER METAL BODY PAINTER METAL DROP KIT REPAIRER MARINE HULL REPAIRER	44B1O	PFC		2	2	2	2	3	3	3	4	4	Grades of addition positions will be in same pattern.
2	WELDER METAL WORKER REPAIRER RADIATOR REPAIRER METAL BODY PAINTER METAL DROP KIT REPAIRER MARINE HULL REPAIRER	44B1O	SPC	1				1	1	1	2	2	3	
3	WELDER METAL WORKER REPAIRER MARINE HULL REPAIRER	44B2O	SGT					1	2	2	2	3	3	3

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-44B-3  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts 150 pounds 4 feet and carries 50 feet as part of a 2-soldier team (prorated 75 pounds).
2	1, 2, 3, 4, 5	2. Frequently stands for prolonged periods of time.
3	1, 2, 3, 4, 5	3. Occasionally lifts and lowers 200 pounds as part of a 2 soldier team (prorated 100 pounds).
4	2, 4, 5	4. Must possess normal color vision, near and distance visual acuity of at least 20/30 in each eye regardless of whether or not corrective lenses are worn and, no more than 1 error on Titmus Stereo Circles at 16 or no errors on 8 positions of Verhoeff Stereopter at 16 inches. 5. Must possess finger dexterity in both hands.

**Table 10-44E-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	MACHINIST	44E1O	PFC	1	1	2	3	4	5	5	5	5	5	Grades of additional positions will be in same pattern.
2	MACHINIST	44E1O	SPC	1	1	1	1	1	1	1	2	2	3	
3	MACHINIST	44E2O	SGT	1	1	1	1	1	1	2	2			
4	MACHINIST	44E2O	SGT											1. Single position in helicopter structure repair section, shop, and sub-system repair section: a. Avn Maint Co (with AH-64 helos) of Abn; Hvy Div; ASB and AMC DASB. b. Avn Maint Co of EAD, Corps, EAC, TA and SOA Aslt Bn. c. Positions in SOA will be coded with SQI S. 2. Single position in DS Maint Sec of: a. Engr Co (Const Spt). b. Engr Hq and Spt Co, and HHC Engr Cbt Bn of Abn, Corps Lt, and Hvy Div. c. Engr Co (CSE) of Engr Bde. d. Trans Hvy Watercraft Co of Trans Tml Bn and Trans Tml Gp. 3. Single position in Maint Sec: a. Engr Co of HSB. b. Engr Co (Pipeline Const). 4. Single position in Med Maint Spt Sec in Log Spt Co of Med Bn (Log Rear). 5. Single position in Bn Maint Sec in HHC Engr Bn of Hvy Div. 6. Single position in Mech Maint Sec in Ord Maint Co DS (PATRIOT). 7. Units above when second machinist position is authorized, position graded PFC. When three or more machinist positions exist, grade per lines 1-3.
5	SECTION CHIEF	44E3O	SSG											Supervision of 5 to 10 unit and/or maintenance support subordinate soldiers.
6	METAL WORKER SUPV	44E3O	SSG											Supervision of 4 to 8 maintenance support subordinates; or in a metal working or service section for supervision of 8 to 15 maintenance support subordinate soldiers.
7	SECTION CHIEF	44E4O	SFC											Supervision of 20 or more metal working and/or service section maintenance support subordinate soldiers.
8	PLATOON SERGEANT	44E4O	SFC											Hull Rep Plt Hq of Trans Fltg Craft GS Maint Co.

**Table 10-44E-2  
Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
9 MACHINER SHOP SUPV	44E4O	SFC													Supervision of 14 or more machine shop subordinate soldiers.

Notes:  
\*Blank spaces in this column indicate not applicable.

**Table 10-44E-3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
1 MACHINIST	44E1O	PFC	1	1	2	3	4	5	5	5	5			Grades of additional positions will be in same pattern.
2 MACHINIST	44E1O	SPC	1	1	1	1	1	1	1	2	2	3		
3 MACHINIST	44E2O	SGT		1	1	1	1	1	1	2	2			
4 MACHINIST	44E1O	SPC	1	1	2									Fabrication Branch of WHCA.
5 MACHINIST	44E2O	SGT	1	1	2	2								
6 MACHINIST	44E2O	SGT												1. Single position in DS/GS Br of Veh Maint Div of U.S. Army Ordnance Center and School. 2. Machine shop work center of: a. Intel Mat Ctr of AMC. Subsequent machinist positions also graded SGT. b. U.S. Army Hq CECOM AMC. Subsequent machinist positions also graded SGT. 3. Maint Br of U.S. Army Cold Readiness Test Ctr TECOM, AMC. 4. Component repair shop in HHC of Sp Ops Avn Bn.
7 CUSTOMS TECH INSP	44E3O	SSG												Customs and Firearms Branch of U.S. Army Marksmanship Board.
8 MACHINER SHOP SUPV	44E3O	SSG												Machine Branch of U.S. Disciplinary Barracks.
9 MACHINER SHOP SUPV	44E4O	SFC												Customs and Firearms Branch of U.S. Army Marksmanship Board.

Notes:  
\*Blank spaces in this column indicate not applicable.

**Table 10-45B-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Occasionally lifts and lowers 150 pounds 3 feet.
2	1, 2, 3	2. Occasionally carries 149 pounds 25 feet as part of a 2 soldier team (prorated 75 pounds). 3. Must possess finger dexterity in both hands.

**Table 10-45B-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
1 Small arms/artillery rep	45B1O	PFC	1	1	2	2	2	3	3	3	3			Grades of additional positions will be in same pattern.
2 Small arms/artillery rep	45B1O	SPC	1	1	1	1	2	2	2	3	3	4		
3 Small arms/artillery rep	45B2O	SGT		1	1	1	2	2	2	3	3			

**Table 10-45B-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
4	Small arms/arty rep	45B1O	PFC	1												1. Armt Maint Rep Sec, Hvy Ord Maint Co, MAIN Spt Bn, Hvy Div and DISCOM, Hvy and Lt Div.
5	Small arms/arty rep	45B2O	SGT	1	1											2. Arty Sys Spt Tm, Ord Maint Co, Inf Div. 3. Fwd Spt Plt and Armt Maint Sec, MAIN Spt Co, LID. 4. Armt Maint Sec, Ord Maint Co, Non-Div DS. 5. Inf Mech Sys Spt Tm LB. 6. Twd Arty FC Rep Tm LE. 7. Two MOS 45B positions when required/authorized for the above units. The first position graded SGT and subsequent positions graded PFC.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-45B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	Small arms/arty rep	45B1O	PFC	1	1	2	2	2	3	3	3	3				Grades of additional positions will be in same pattern.
2	Small arms/arty rep	45B1O	SPC	1	1	1	1	2	2	2	3	3	4			
3	Small arms/arty rep	45B2O	SGT		1	1	1	2	2	2	3	3				
4	Small arms/arty rep	45B1O	PFC	1												1. Maint Br of U.S. Army Foreign Mat Gp, INSCOM.
5	Small arms/arty rep	45B2O	SGT	1	1											2. Small Arms Svc and/or Maint Sec in Tng Bde of U.S. Army Armor School. 3. Two MOS 45B positions when required/authorized for the above units. The first position graded SGT and subsequent positions graded PFC.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-45D-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts 98 pounds 3 feet and carries 50 feet.
2	1, 2, 3, 4, 5	2. Occasionally lifts and lowers 218 pounds as part of a 2 soldier team (prorated 109 pounds). 3. Must possess normal color vision. 4. Frequently reads complex schematic diagrams. 5. Must possess finger dexterity in both hands.

**Table 10-45D-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	SP FA TURRET MECH	45D1O	PFC				1	1	2	2	2	3	3	3	Grades of additional positions will be in same pattern.
2	SP FA TURRET MECH	45D1O	SPC	1	1	1	2	2	2	3	3	3	4		
3	SP FA TURRET MECH	45D2O	SGT	1	1	1	1	2	2	2	3	3			
4	SP FA TURRENT MECH	45D2O	SGT											Maint Sec of Svc Btry, Maint Plt Hq Sec in HHT of Armored Cav Sqdn.	

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-45D-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	SP FA TURRET MECH	45D1O	PFC				1	1	1	2	2	3	3	4	Grades of additional positions will be in same pattern.
2	SP FA TURRET MECH	45D1O	SPC	1	1	1	2	2	2	3	3	4	4		
3	SP FA TURRET MECH	45D2O	SGT	1	1	1	2	2	2	2	2	2	2		

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-45E-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts and lowers 218 pounds as part of a 2 soldier team (prorated 109 pounds).
2	1, 2, 3, 4, 5	2. Must possess normal color vision. 3. Frequently reads complex schematic diagrams. 4. Must possess finger dexterity in both hands. 5. Frequently lifts 98 pounds 3 feet and carries 50 feet.

**Table 10-45E-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	M1 ABRAMS TK TRT MECH	45E1O 45E1OK4	PFC				1	1	1	2	2	3	3	4	1. Grades of additional positions will be in same pattern. 2. Units equipped with M1A2 Abrams tank. Use with ASI K4.
2	M1 ABRAMS TK TRT MECH	45E1O 45E1OK4	SPC	1	1	1	2	2	2	2	3	3	4		
3	M1 ABRAMS TK TRT MECH	45E2O 45E2OK4	SGT				1	1	1	2	2	2	2		

Notes:

1. \*Blank spaces in this column indicate not applicable.

2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-45E-3  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	M1 ABRAMS TK TRT MECH	45E1O 45E1OK4	PFC	1	1	1	2	2	3	3	4	4	1. Grades of additional positions will be in same pattern. 2. Units equipped with M1A2 ABRAMS tank. Use with ASI K4.	
2	M1 ABRAMS TK TRT MECH	45E1O 45E1OK4	SPC	1	1	1	2	2	2	2	3	3	4	
3	M1 ABRAMS TK TRT MECH	45E2O 45E2OK4	SGT		1	1	1	2	2	2	2	2		

Notes:

\*1 Blank spaces in this column indicate not applicable.

2 When TDA organizations are supported with additional and/or dual line TDA positions, the additional lines) and base paragraph will be graded in the aggregate.

3 When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-45G-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts 175 pounds 4 feet and carries 50 feet as part of a 2 soldier team (prorated 88 pounds)
2	1, 2, 3, 4, 5,	2. Occasionally lifts 100 pounds 40 inches and carries 50 feet. 3. Frequently climbs 5 feet carrying 175 pounds as part of a 2 soldier team (prorated 88 lbs). 4. Must possess normal color vision. 5. Frequently reads complex schematic diagrams.

**Table 10-45G-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	FIRE CONTROL REPAIRER	45G1O 45G1OK4	PFC	1	1	2	2	2	3	3	3	3	1. Grades of additional positions will be in same pattern. 2. Units supporting M1A2 tank equipped units. Use with ASI K4.	
2	FIRE CONTROL REPAIRER	45G1O 45G1OK4	SPC	1	1	1	1	2	2	2	3	3	4	
3	FIRE CONTROL REPAIRER	45G2O 45G2OK4	SGT		1	1	1	2	2	2	3	3		

Notes:

1. \*Blank spaces in this column indicate not applicable.

2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-45G-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Fire control rep	45G1O	PFC	1	1	2	2	2	3	3	3	3	Grades of additional positions will be in same pattern.	
2	Fire control rep	45G1O	SPC	1	1	1	1	2	2	2	3	3	4	
3	Fire control rep	45G2O	SGT		1	1	1	2	2	2	3	3		

**Table 10-45G-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
4 Fire control rep	45G2O	SGT													Hvy Equip Div, USA Materiel Spt Ctr, Korea.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-45K-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5,	1. Frequently lifts 79 pounds 2 feet and carries 50 feet.
2	1, 2, 3, 4, 5	2. Occasionally lifts 298 pounds 5 feet, carries 50 feet and climbs 4 feet as part of a 3 soldier team (prorated 100 pounds per soldier).
3	4, 5	3. Occasionally lifts and lowers 218 pounds as part of a 2 soldier team (prorated 109 pounds).
4	4, 5	4. Frequently reads complex schematic diagrams. 5. Must possess finger dexterity in both hands.

**Table 10-45K-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
1 Armament repairer	45K1O 45K1OK4	PFC	1	1	1	2	2	2	3	3	3	3	1. Grades of additional positions will be in same pattern for tank turret (includes combat engineer vehicle (CEV) M728 turret), and artillery self-propelled repairers.
2 Armament repairer	45K1O 45K1OK4	SPC	1	1	1	2	2	2	3	3	3	4	2. Units supporting M1A2 tank equipped units. Use with ASI K4.
3 Armament repairer	45K2O 45K2OK4	SGT			1	1	1	2	2	2	3	3	
4 Armament repairer	45K1O 45K1OK4	PFC	1										1. Armt Maint, Armt Maint Rep, Armt Equip Rep, and/or Arty FC Sec; or in Maint, Arty, Inf (Mech), Cav, Cbt (ALB-F), Tk Trt Sys Spt Tm; or in Msl Armt Plt Hq, Spt Sqdn and Fwd Spt Plt Hq Sec, Main Spt Co, LID and Wpns FC Tm.
5 Armament repairer	45K2O 45K2OK4	SGT	1	1									2. Units with two 45K positions. Grade first position graded SGT and subsequent positions graded PFC. 3. Units supporting M1A2 tank equipped units. Use with ASI K4.
6 Armt maint supv	45K3O 45K3OK4	SSG											1. Supervision of 4 to 18subordinates in MOS 45B, 45G, or 45K. 2. Armt Maint Sec: a. Hvy Maint Co of Abn Div. Use with SQI P. b. Hvy Ord Maint Co of Maint Bn. c. Ord Maint Co of FSB or MSB, LID. d. Maint Co Hvy Equip GS for second shift operations. 3. Armt and Cbt Veh Maint Br: a. HHT of Spt Sqdn ACR. b. HHC of Spt Bn Hvy SIB and TDB. c. MMC of COSCOM or TAACOM. Subsequent positions graded SSG. d. ACS Maint Spt Tm in HHC of Ord Trp Spt Bn Hvy ACR. 4. Armt Disassembly Sec in Svc Co. 5. Arty Spt Tm in Hvy Maint Co of MAIN Spt Bn Inf Div (Mtz), or Aug-Spt Bn of SIB or TDB. 6. Aug-Tk Trp Rep Sec of Composite Tm FD. 7. Combined Arms SST Tm DO. 8. Deprocessing and Maint Plt Hq Sec in QM Hvy Maint Spt Co GS of Corps and/or COMMZ. Subsequent supervisory positions graded SSG.

**Table 10-45K-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
															9. FA GS Rep Tm BO. 10. FC GS Inst Rep Tm AO. 11. Msl-Armt Wpns and Maint Br of MMC TAACOM. Subsequent supervisory positions graded SSG. 12. SP Arty Trt and FC Tm, Aug-SP Arty Trt or Arty Rep Sec, and FC TM DO. 13. Tk Sys Spt Tm AO of Fwd Spt Bn Hvy Div. 14. Tk Trt Rep Tm, Tk Trt Rep Tm AO. 15. Armt Rep Sec of Armt Rep Plt Tm EO. 16. Units supporting M1A2 tank equipped units. Use with ASI K4. 17. Grd Maint Br (Fwd/Rear), MMC Split-Ops, COSCOM.
7	Armt maint tech insp	45K3O 45K3OK4	SSG												1. QA/QC Acty in DS and GS and/or Depot on the basis of one TI for 10-19 soldiers supported. When authorized additional positions will be graded SSG. For Abn units use with SQI P. 2. Units supporting M1A2 tank equipped units. Use with ASI K4.
8	Section chief	45K4O 45K4OK4	SFC												1. Supervision of 6 to 18 maint and wpns sys repairers in: a. Armt Maint Sec: (1)Ord Trp Spt Bn of Hvy ACR or FC Inst Rep GS Tm AO of Maint Trp for support of M60 and M113 track vehicles. (2) Fwd Spt Co of Ord Maint Bn Aaslt and Abn Div. Abn use with SQI P. b. Arty Spt Tm in Maint Co of Fwd Spt Bn or Spt Bn Inf Div. c. CAB Maint Spt Tm of Spt Bn Inf Div. d. Msl-Armt Plt Hq Sec of Spt Bn ACR. e. Maint Co in Fwd Spt Bn of Hvy Div. f. Hvy Maint Co in Maint Bn of AASLT or MSB of Hvy Div. 2. Units supporting M1A2 tank equipped units. Use with ASI K4.
9	Armt maint sgt	45K4O	SFC												1. Armt or Armt Equip Br in HHC/MMC of DISCOM Abn Div. Use with SQI P. 2. Armt-Cbt Veh Mat Br: a. HHC/MMC or HHC in Sp Trp of COSCOM or TAACOM. b. HHC/MMC in SUPCOM of DISCOM Inf (Mtz) and Hvy Div. c. HHC in Spt Bn of SIB or TDB. 3. Armt Maint Rep Sec of Ord Maint Co. 4. Dir/Mat or Mat Br in HHC of Area Spt Gp. 5. G4 Sec in HHC of Corps and Abn Corps. Abn use with SQI P. 6. G4/CSS Cell/Rear in HHC of Corps and Abn Corps. Abn use with SQI P. 7. Maint Br in HHC/MMC of SUPCOM LID; or HHC of Spt GpCorps; or HHC Area Spt Gp. 8. Mat OpsBr: a. Hq/Lt Ord Maint Co of AASLT and Abn Div. In Abn use with SQI P. b. Hq/Main Spt Co of Maint Bn LID. c. HHD of Ord Maint Bn DS/GS. 9. Msl-Armt Wpns/Maint Br in MMC of TAACOM. 10. Grd Maint Br, MMC COSCOM, Split-Ops.
10	Platoon sergeant	45K4O	SFC												Principal NCO in Plt Hq Sec for Armt Maint, Msl/Armt and Armt/Elect Maint Rep.

Notes:

<sup>1</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–45K–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Armament repairer	45K1O	PFC		1	1	1	2	2	2	3	3	3	1. Grades of additional positions will be in same pattern. 2. Tank turret (includes combat engineer vehicle (CEV) M728 turret), and artillery self-propelled repairers.
2	Armament repairer	45K1O	SPC		1	1	1	2	2	2	3	3	3	4
3	Armament repairer	45K2O	SGT			1	1	1	2	2	2	3	3	
4	Armament repairer	45K1O	PFC		1									1. Wpns FC unit of U.S. Army Infantry Center. 2. Maint Ops Sec of U.S. Army Industrial Operations Cmd. 3. DS/GS Track Sec of USACSTA AMC.
5	Armament repairer	45K2O	SGT		1	1								
6	Armament repairer	45K2O	SGT											1. Maint Ops Sec of U.S. Army Munitions AMC. 2. Trk and Armt Shop of U.S. Army CEGE.
7	Armt maint sgt	45K3O	SSG											1. U.S. Armament, Munitions and Chemical Command: a. Tank Armt Sec. b. Tank FC Sec. c. Arty and Mortar Sec. d. Sp Arty Sec. 2. LAR Tech Tng Br of U.S. Army Fld Svc Acty. Subsequent positions also graded SSG.
8	Armt maint supv	45K3O	SSG											1. Supervision of 4 to 18 subordinates in MOS 45B, 45G, or 45K. 2. Armt Br, Mat Spt Ctr, Korea.
9	Armt maint tech insp	45K3O	SSG											QA/QC Acty in DS and GS and/or Depot on the basis of one T1 for 10–19 soldiers supported. Subsequent positions also graded SSG. For Abn units use with SQI P.
10	Section chief	45K4O	SFC											Sp Wpns Sec of U.S. Army Marksmanship Det.
11	Armt maint sgt	45K4O	SFC											1. Rets, Tk Armt, Tk FC, Fight Veh, SP Arty and Small Arms Sec, and Maint-Shop Equip Br of U.S. Armt Mun and Cml Cmd Hq. 2. LAR Tech Tng Br of U.S. Army Fld Svc Act.
12	Armt maint mgt sgt	45K4O	SFC											1. Log Eval Br and/or Svcs in USAG of U.S. Army Air Defense Artillery Ctr. 2. QA/QC Con and Insp Sec, or Ofc and MATO Maint Sec, Trk/Armt Shp, and Prod Con Sec of U.S. Army CEGE.
13	Platoon sergeant	45K4O	SFC											As principal NCO in Plt Hqs Sec for Armt Maint, Msl/Armt and Armt/Elect Maint Rep.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–45N–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts and lowers 218 pounds as part of a 2 soldier team (prorated 109 pounds).
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts 150 pounds 10 feet and carries 50 feet as part of a 2 soldier team (prorated 75 pounds). 3. Frequently lifts 98 pounds 3 feet and carries 50 feet. 4. Must possess normal color vision. 5. Frequently reads complex schematic diagrams. 6. Must possess finger dexterity in both hands.

**Table 10-45N-2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
1	M60A1/A3 tank turret mechanic	45N1O	PFC	1	1	2	2	2	3	3	4	4	Grades of additional positions will be in same pattern.				
2	M60A1/A3 tank turret mechanic	45N1O	SPC	1	1	1	1	2	2	2	3	3	4				
3	M60A1/A3 tank turret mechanic	45N2O	SGT		1	1	1	2	2	2	2	2					
4	Combat engineer vehicle turret mechanic	45N2O	SGT											Sep Engr Co equipped with combat engineer vehicle.			

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-45N-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes			
				1	2	3	4	5	6	7	8	9	10				
1	M60A1/A3 tank turret mechanic	45N1O	PFC	1	1	2	2	2	3	3	4	4	Grades of additional positions will be in same pattern.				
2	M60A1/A3 tank turret mechanic	45N1O	SPC	1	1	1	1	2	2	2	3	3	4				
3	M60A1/A3 tank turret mechanic	45N2O	SGT		1	1	1	2	2	2	2	2					
4	Combat engineer vehicle turret mechanic	45N2O	SGT											Sep Engr Co equipped with combat engineer vehicle.			

Notes:

<sup>1</sup> Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-45T-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Frequently lifts 98 pounds 4 feet and carries 100 feet.
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts 89 pounds 4 feet and carries 50 feet. 3. Occasionally and lowers 218 pounds as part of a 2 soldier team (prorated 109 pounds). 4. Must possess normal color vision. 5. Frequently reads complex schematic diagrams. 6. Must possess finger dexterity in both hands.

**Table 10-45T-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
1 BFVS TURRET MECH	45T1O	PFC				1	2	2	2	3	3	3	4	Grades of additional positions will be in same pattern.
2 BFVS TURRET MECH	45T1O	SPC	1	1	1	1	2	2	2	3	3	3		
3 BFVS TURRET MECH	45T2O	SGT		1	1	1	1	2	2	2	3	3		

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-45T-3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
1 BFVS TURRET MECH	45T1O	PFC				1	2	2	2	3	3	3	4	Grades of additional positions will be in same pattern.
2 BFVS TURRET MECH	45T1O	SPC	1	1	1	1	2	2	2	3	3	3		
3 BFVS TURRET MECH	45T2O	SGT		1	1	1	1	2	2	2	3	3		

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-46Q-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8	1. Occasionally stands for a period of 3 hours duration.
2	1, 2, 3, 4, 5, 6, 7, 8	2. Occasionally walks an undetermined distance over irregular terrain.
3	1, 2, 3, 4, 5, 6, 7, 8	3. Must possess normal color vision.
4	1, 2, 3, 4, 5, 6, 7, 8	4. Must possess normal depth perception. 5. Must be able to focus a camera. 6. Must not suffer from acrophobia or vertigo. 7. Must possess hand/eye coordination and finger dexterity in both hands. 8. Frequently makes oral presentation.

**Table 10-46Q-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 JOURNALIST	46Q1O	PFC				1	1	2	2	2	2	3	3	4	Grades of additional positions will be in same pattern.
2 JOURNALIST	46Q1O	SPC	1	1	1	1	2	2	3	3	4	4			
3 PUBLIC AFFAIRS NCO	46Q2O	SGT				1	1	1	2	2	2	2			
4 PUBLIC AFFAIRS NCO	46Q2O	SGT													1. Admin or Public Affairs Sec of a Bde except MP EPW (see line 6). 2. Inf Bn, Ft Myer (The Old Guard). 3. Public Affairs Ofc, EAC Intel Ctr. 4. S1 Sec, Bde Hq Aug Team.

**Table 10-46Q-2  
Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
5 PUBLIC AFFAIRS NCO	46Q3O	SSG													1. Public Affairs Team, Mobile Public Affairs Det. 2. Det Hq, Public Affairs Det. 3. Public Affairs Sec, COSCOM. 4. Public Affairs, HHC Army Service Comp Cmd. 5. PAO, HHC and Spt Trps 9th TAACOM.
6 PUBLIC AFFAIRS NCO	46Q4O	SFC													1. Command Sec, Press Camp Hq. 2. Public Affairs Team, Mobile Public Affairs Det. 3. Public Affairs Sec, of: a. HHC, Cmd. b. HHC, MP EPW Bde. c. HHT, ACR. 4. Public Affairs Ofc, Sig Cmd. 5. S1 Sec/ACofS Personnel, PERSCOM. 6. Public Affairs, HHC Army Service Comp Cmd. 7. Military History Detachment.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-46Q-3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 JOURNALIST	46Q1O	PFC	1	1	2	2	2	2	3	3	4				Grades of additional positions will be in same pattern.
2 JOURNALIST	46Q1O	SPC	1	1	1	1	2	2	3	3	4	4			
3 PUBLIC AFFAIRS NCO	46Q2O	SGT			1	1	1	2	2	2	2	2			
4 PUBLIC AFFAIRS NCO	46Q2O	SGT													1. MI Bdes. 2. USAG: Hawaii, Fts McPherson, Hood, Carson, Lewis and Drum. 3. National Training Center. 4. MEDCEN except Landstuhl. 5. Instal Spt Act, MDW. 6. U.S. Army Area II Support Activity Korea. 7. USAE, Atlantic Cmd. 8. USASOC. 9. Nat Ctr for Empl Spt of Guard and Reserve. 10. USA Regional Opns Cmd. 11. School of the Americas, Ft Benning. 12. 30th Medical Bde Aug. 13. 20th, 23d, 34th or 10th Support Gp HHC Aug. 14. 713th Military Grp. 15. Trop Times, USAG Panama. 16. USA Trg Ctr: Fts Benning, Gordon, Jackson, Rucker and Huachua.
5 JOURNALIST	46Q2O	SGT													1. USAE Pacific Stars & Stripes. Second and third positions also graded SGT. 2. Editorial Sec, USAE EUCOM.

**Table 10-46Q-3**  
**Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
6	PUBLIC AFFAIRS NCO	46Q3O	SSG												1. USAISC Management Engineering Activity. 2. 2d USA RC Support Team. 3. Landstuhl MEDCEN. 4. Instal Spt Act, MDW. 5. USAG: Fts Meade and Belvoir. 6. USAG Alaska. Second position also graded SSG. 7. Marketing Br, USAREC. 8. USASOC. 9. Defense Language Institute Foreign Language Center. 10. USMA. 11. USAE Pacific and Southern Cmd. 12. USAE AAFES. 13. USAE Defense Equal Opportunity Mgt Inst, Patrick AFB. 14. USAE, AFIS. 15. USAE, Cdrs Stf Multi Peace.
7	SENIOR JOURNALIST	46Q3O	SSG												1. USAE American Forces Information Service. 2. NCO Journal, USASMA. 3. USAE Pacific Stars & Stripes. 4. Editorial Sec, USAE EUCOM. Second through fifth positions also graded SSG. 5. Soldiers Mag and Cmd Info, U.S. Army Cmd Info Unit. Second position and third position also graded SSG.
8	PUBLIC AFFAIRS NCO	46Q4O	SFC												1. Signal Cmd. 2. Hq, MDW. 3. USAG: Fts Bragg, Campbell, Stewart, Hood, Carson, Lee and Riley. 4. National Training Center. 5. SHAPE. 6. USA Tng Ctr: Fts Eustis and Huachuca. 7. USASMA. 8. TRADOC. 9. Cmd Info and Soldiers Mag, U.S. Army Cmd Info Unit. 10. U.S. Army Soldiers Mag, OCPA. 11. U.S. Army Southern European Task Force.
9	CAREER ADVISOR	46Q4O	SFC												PERSCOM.

Notes:

- \*Blank spaces in this column indicate not applicable.
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- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-46R-1**  
**Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7	1. Occasionally stands for a period of 3 hours duration.
2	1, 2, 3, 4, 5, 6, 7	2. Must possess normal color vision.
3	1, 2, 3, 4, 5, 6, 7	3. Must possess normal depth perception.
4	1, 2, 3, 4, 5, 6, 7	4. Must be able to focus a camera. 5. Must not suffer from acrophobia or vertigo. 6. Must possess hand/eye coordination and finger dexterity in both hands. 7. Frequently makes oral presentation.

**Table 10-46R-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	BROADCAST JOURNALIST	46R1O	PFC	1	1	2	2	2	2	3	3	4		1. Grades of additional positions will be in same pattern. 2. ABS positions determined and graded by DoD Standard 5122.10 Std-1.
2	BROADCAST JOURNALIST	46R1O	SPC	1	1	1	1	2	2	3	3	4	4	
3	BROADCAST NCO	46R2O	SGT		1	1	1	2	2	2	2	2		
4	BROADCAST NCO	46R2O	SGT											Inf Bn, Ft Myer (The Old Guard).
5	BROADCAST NCO	46R3O	SSG											1. A/V Prod Sec, Press Camp Hq. 2. Public Affairs Team, Mobile Public Affairs Det. 3. Broadcast Teams, Broadcast Public Affairs Det. 4. Mbl Aud/TV Prod Sec, Broadcast Co, PSYOP Dissem Bn. Will be used with SQI S.
6	SENIOR BROADCAST NCO	46R4O	SFC											1. Public Affairs Team, Mobile Public Affairs Det. 2. Med Prod Sec, Broadcast Co, PSYOP Dissem Bn. Will be used with SQI S.
7	DETACHMENT SERGEANT	46R4O	SFC											Principal NCO in Det Hq, Broadcast Public Affairs Det.
8	PLATOON SERGEANT	46R4O	SFC											Principal NCO in a platoon.

Notes:

1 \*Blank spaces in this column indicate not applicable.

2 When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

3 When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-46R-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	BROADCAST JOURNALIST	46R1O	PFC		1	1	2	2	2	2	3	3	4	1. Grades of additional positions will be in same pattern. 2. All ABS positions determined and graded by DoD Standard 5122.10 Std-1.
2	BROADCAST JOURNALIST	46R1O	SPC	1	1	1	1	2	2	3	3	4	4	
3	BROADCAST NCO	46R2O	SGT		1	1	1	2	2	2	2	2		
4	BROADCAST NCO	46R2O	SGT											1. Single Agency Manager, Pentagon. 2. USAG: Fts Bragg, Stewart and Hood. 3. Soldiers Radio & Television, Cmd Info Unit. Fourth through seventh positions also graded SGT. 4. U.S. Army Aviation and Troop Cmd. 5. Student Co, USAE AFIS. 6. USA Pacific Activity.
5	BROADCAST NCO	46R3O	SSG											1. USAE AFIS. Second position also graded SSG. 2. National Training Center. 3. Soldiers Radio & Television, U.S. Army Cmd Info Unit. Second and third position also graded SSG.
6	SENIOR BROADCAST NCO	46R4O	SFC											Soldiers Radio & Television, U.S. Army Cmd Info Unit. Subsequent positions graded by lines 4 and 5.

Notes:

1. \*Blank spaces in this column indicate not applicable.

2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-46Z-1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2, 3, 4, 5, 6, 7	<ol style="list-style-type: none"> <li>1. Occasionally walks an undertermined distance over irregular terrain.</li> <li>2. Occasionally stands for a period of 3 hours duration.</li> <li>3. Must possess normal color vision.</li> <li>4. Must possess normal depth perception.</li> <li>5. Must be able to focus a camera.</li> <li>6. Must not suffer from claustrophobia, acrophobia, or vertigo.</li> <li>7. Frequently makes oral presentation.</li> </ol>

**Table 10-46Z-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	CH PUBLIC AFFAIRS NCO	46Z5O	MSG	<ol style="list-style-type: none"> <li>1. Public Affairs Sec, HHC, Cmd and HHB, ADCOM.</li> <li>2. PAO Sec, HHC, Div.</li> <li>3. Mobile Public Affairs Det.</li> <li>4. Public Affairs, Third Army Hq.</li> </ol>
2	FIRST SERGEANT	46Z5M	1SG	Principal NCO in Co Hq with 75 or more soldiers.
3	CH PUBLIC AFFAIRS NCO	46Z5O	SGM	<ol style="list-style-type: none"> <li>1. Command Sec, Press Camp Hq.</li> <li>2. PAO, TAACOM.</li> <li>3. Public Affairs, HHC Army Service Comp Cmd except 3d Army (see line 1).</li> <li>4. Public Affairs Ofc, HHC &amp; Sp Trp TAACOM.</li> <li>5. PAO Sec, HHC, Corps.</li> </ol>

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-46Z-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	CH PUBLIC AFFAIRS NCO	46Z5O	MSG	<ol style="list-style-type: none"> <li>1. Public Affairs Ofc, Fifth Army.</li> <li>2. Public Communciations Div, OCPA.</li> <li>3. USA Trn Ctr: Fts Benning, Gordon, Jackson, Rucker, Knox, Sill, Bliss and Leonard Wood.</li> <li>4. NCO Journal, USASMA.</li> <li>5. USAE, AFIS.</li> <li>6. ABS positions are determined and graded by DoD Standard 5122.10 Std-1.</li> </ol>
2	CHIEF BROADCAST NCO	46Z5O	MSG	SCN Panama, ABS OCPA.
3	FIRST SERGEANT	46Z5M	1SG	<ol style="list-style-type: none"> <li>1. Principal NCO in Co Hq with 75 or more soldiers.</li> <li>2. American Forces Network Europe, American Forces Korea Network.</li> </ol>
4	CH PUBLIC AFFAIRS NCO	46Z5O	SGM	<ol style="list-style-type: none"> <li>1. OCPA, HQDA</li> <li>2. Ofc of the Cmd, DINFOS.</li> <li>3. USAE, SOC.</li> <li>4. USA Pacific Activity.</li> <li>5. TRADOC.</li> <li>6. FORSCOM.</li> <li>7. USAE, AFIS.</li> <li>8. 7th Hq HHC USAREUR 7th Army Aug.</li> <li>9. ABS: <ol style="list-style-type: none"> <li>a. AFN, OCPA.</li> <li>b. AFKN Hq, OCPA.</li> <li>c. Ofc of Dir, OCPA.</li> </ol> </li> </ol>

Notes:

- 1 When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- 2 When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-51B-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2	1. Occasionally lifts and lowers 140 pounds.
2	1, 2	2. Frequently lifts and carries 100 pounds.

**Table 10-51B-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	VEHICLE DRIVER	51B1O	PFC	1	2	2	3	3	4	4	5	5	1. Grades of additional positions will be in same pattern for each shift. When the number of drivers exceed one per vehicle per operating shift such positions will be authorized in grade PFC. 2. Dump Truck Section, HHC, Engr Cbt Bn, Abn and Lt and Hq Co, HHC Engr Cmd. 3. Operates trucks 2 1/2 tons or 5 ton capacity.	
2	VEHICLE DRIVER	51B1O	SPC	1	1	1	2	2	3	3	4	4		5
3	CARPENTRY/MA-SONRY SP	51B1O	PFC		1	1	1	2	2	2	3	3	3	Grades of additional positions will be in same pattern.
4	CARPENTRY/MA-SONRY SP	51B1O	SPC	1	1	1	2	2	2	3	3	3	4	
5	CARPENTRY/MA-SONRY SGT	51B2O	SGT		1	1	1	2	2	2	3	3		
6	VEHICLE DRIVER	51B1O	PFC											
7	CARPENTRY/MA-SONRY SP	51B2O	SGT											1. Repair and Utilities Section, MP Bn. Second position also graded SGT. 2. Hq & Main Spt Co, SOSB (Abn). Second position also graded SGT. 3. Base Spt Plt, Fwd Spt Co, SOSB. Subsequent positions also graded SGT.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-51B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	CARPENTRY/MA-SONRY SP	51B1O	PFC	1	1	1	2	2	2	3	3	3	Grades of additional positions will be in same pattern.	
2	CARPENTRY/MA-SONRY SP	51B1O	SPC	1	1	1	2	2	2	3	3	3	4	
3	CARPENTRY/MA-SONRY SGT	51B2O	SGT		1	1	1	2	2	2	3	3		
4	VEHICLE DRIVER	51B1O	PFC											
5	CARPENTRY/MA-SONRY SGT	51B2O	SGT											Mason and Carpentry (second position graded SGT) Shop at U.S. Disciplinary Barracks.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–51H–1  
Physical requirements**

Skill level	Task numbers	Tasks
3	1	1. Occasionally stands, stoops, walks, crawls, and climbs.
4	2	2. Frequently reads and interprets complex drawings and specifications.

**Table 10–51H–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	CONST SQUAD LEADER	51H3O	SSG	Construction squads and each section of a construction platoon.
2	CONST SECTION LEADER	51H3O	SSG	1. Construction, Pipeline or Utilities Section. 2. Brg-Struct Maint Sec, Trans Railway Engr Co. 3. Utilities Sec, Utilities Team.
3	CONST OPS SGT	51H3O	SSG	1. Ops Sec, Engr Co, Pipeline Construction. 2. Real Estate, Real Estate Team. Subsequent positions also graded SSG. 3. Operations Sec, Utilities Team. One per element. 4. Petrl Operations Br, HHC, Petrl PI & Tml Op Bn. 5. Direct Spt Team, CA Det (Direct Support). 6. Support Sec, Trans Railway Eng Co. 7. Engineer Sec, HHD, Spt Bn (Base). 8. Cmd Sec, Area Spt Tm (Base Spt Bn). 9. S2/3 Sec, Engr Tm, Bn Hq. 10. Engr Br, HHC Area Spt Grp.
4	PLATOON SERGEANT	51H4O	SFC	Principal NCO in Const, Pipeline, or Bdg-Structure Mnt Plt.
5	DETACHMENT SERGEANT	51H4O	SFC	Principal NCO in Engr detachment hqs.
6	SR CONST SUPV	51H4O	SFC	1. ACofS Facilities Engr Sec, HHC, Engr Cmd. Second position also graded SFC. 2. Team Hq or Command Sec, Utilities Team. 3. Facilities Br, HHC Petroleum Grp. 4. S2/3 Section, MP Det (EPW/CI Cmd/Control Bde).
7	CONST INSPECTOR	51H4O	SFC	1. S3 Sec: a. HHC, Engr Cbt Bn, Corps (Lt); Hvy and Abn. b. HHC, Engr Grp (Const) or (Cbt). 2. ACofS Facilities Engr Sec, HHC Engr Cmd. Second position also graded SFC. 3. Staff Engineer Sec, HHC Engr Bde, Corps. 4. Const Mgt, HHC, Engr Bde, TA. Second position also graded SFC.
8	INTELLIGENCE SERGEANT	51H4O 51H4O2S	SFC	1. S2 Sec, Hq & Spt Co, Cbt Bn Hvy. 2. S2/S3 Sec, HHD, Engr Bn.
9	CONST OPS SGT	51H4O	SFC	1. Co Hq, Engr Co, Engr Cbt Bn, Hvy. 2. Operations Sec, Engr Port Const Co. 3. Design/Mgt Sec, HHC Cbt Engr Grp. 4. Ops Sec, Engr Co, Pipeline Construction. 5. ACofS Plans-Operations, HHC, Engr Cmd. 6. ACofS Svc Sup and MN, HHC Trans Cmd. 7. S5 Section and Const Mgt (second position also graded SFC), HHC Engr Bde, TA. 8. S3 Section, HHC Engr Grp (Const) (Cbt). 9. Repair & Utility Sec, MP Bn. 10. Tm WC Pub Works/Util, Public Wks/Util Tm, CA Org. Second position also graded SFC. 11. Public Works Tm, CA Det (Gen Spt). 12. S4 Sec, HHC, Trans Terminal Grp. 13. Property Br, HHC, Army Service Comp Cmd.
10	SR CONST SEC LEADER	51H4O	SFC	ACofS Engr Sec, Engr Cmd.

**Notes:**

1. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–51H–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	CONST SEC LEADER	51H30	SSG	Prev Maint, Carp, Mason, Elec and Plumbing Brs, USA Disciplinary Barracks.
2	CONST OPS SGT	51H30	SSG	<ol style="list-style-type: none"> <li>1. S4 Sec, U.S. Jungle Op Train Bn.</li> <li>2. Engr Gen Constr, Hq Staff Faculty, USMA.</li> <li>3. Facility and Engr Sec: <ol style="list-style-type: none"> <li>a. U.S. Disciplinary Barracks.</li> <li>b. USA QM School and Ft Lee.</li> </ol> </li> <li>4. 2d Bde (second position also graded SSG), Engr Bde and 6/37th FA Bde, 2d Inf Div Aug.</li> <li>5. Ofc of Comdt, Eighth Army Wightman NCO Academy.</li> <li>6. Facilities Manager Sec, USASMA.</li> <li>7. USAG: <ol style="list-style-type: none"> <li>a. Fts Campbell, Riley and Stewart.</li> <li>b. Hawaii.</li> </ol> </li> <li>8. RSOC Engr, USA Regional Ops Cmd.</li> <li>9. 83d Grp, 713th MI Bn.</li> <li>10. DEH, USA Intel Ctr and Ft Huachuca.</li> <li>11. 704th MI Bde.</li> <li>12. Engr Br, USA Elm Allied Forces Southern Europe.</li> <li>13. USAG Hawaii: <ol style="list-style-type: none"> <li>a. DPW.</li> <li>b. FSCC/Hq Cmd.</li> </ol> </li> <li>14. Presidential Cntg Prog, USA Wash Hq Svc Elm.</li> <li>15. Const Engr Div, USA Elm Special Weapons Field Cmd.</li> <li>16. DCS Engr, Army Sp Ops Fid Ops Elm.</li> </ol>
3	CONST SUPERVISOR	51H30	SSG	<ol style="list-style-type: none"> <li>1. TWR, Tng Br, USAIS.</li> <li>2. Subsequent positions in Engr/Housing Sec, USA Forces Central Command Kuwait.</li> <li>3. Facilities Mgmt Br, MEDCEN, Landstuhl.</li> <li>4. In House Works Sec, USA Elm SHAPE.</li> <li>5. RGETNGAM and Cust Spt Br, USAAVNC &amp; Ft Rucker.</li> </ol>
4	FACILITY COORDINATOR	51H30	SSG	Fac Sec, USA Elm Joint Chief of Staff.
5	OPERATIONS SERGEANT	51H30	SSG	Opns Sec, USA FA Ctr and Ft Sill.
6	CONST INSPECTOR	51H30	SSG	<ol style="list-style-type: none"> <li>1. USA Engr Div Pacific Ocean (all sections).</li> <li>2. DPW, USAG Ft Carson.</li> </ol>
7	PLATOON SERGEANT	51H40	SFC	Principal NCO in a platoon.
8	DETACHMENT SERGEANT	51H40	SFC	Principal NCO in an Engr detachment.
9	SR CONST SUPV	51H40	SFC	<ol style="list-style-type: none"> <li>1. Engr/Housing Sec and Sub Ins, USA Forces Central Command Kuwait. Subsequent positions graded per line 3.</li> <li>2. Facility Spt Div, USA Equip Eval Act.</li> <li>3. DPW Sec: <ol style="list-style-type: none"> <li>a. USAAVNC &amp; Ft Rucker.</li> <li>b. USA Trans Cen &amp; Ft Eustis.</li> <li>c. USAG Ft Lee and Alaska (second position also graded SFC).</li> </ol> </li> <li>4. S4 Sec, USA Ord Ctr &amp; Sch and USA Tng Ctr &amp; Ft Jackson.</li> <li>5. Engr Sup (second position will be graded SSG) and Env Sec Occ Safety Div, USA Elm Special Weapons Field Cmd.</li> </ol>
10	CONST INSPECTOR	51H40	SFC	<ol style="list-style-type: none"> <li>1. Fac Engr Br, USA Disciplinary Barracks.</li> <li>2. S4 Section, 1st Engr Bde, USA Engineer Training Center.</li> <li>3. Staff Engr Sec, HHC, I Corps.</li> <li>4. Const Mgt Sec, 130th Engr Bde. Second position also graded SFC.</li> <li>5. DCS Engr, USA Sp Ops Cmd, Fid Ops Elm.</li> <li>6. Guam/TTP, USAG Hawaii.</li> </ol>

**Table 10-51H-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
11	CONST OPS SGT	51H4O	SFC	1. Fabrication Br, WHCA. Second position graded SSG. 2. USAG. First position will be graded SFC, cumulative positions will be graded SSG except: a. Fts Campbell, Riley and Stewart (see line 2). b. Hawaii (see line 2). 3. Ops Sec of DPW, USA Fld Arty Ctr & Ft Sill. Subsequent positions graded SSG. 4. Engr Br Asst Tm and Guam Div USA Readiness Gp Pacific. 5. Facilities Br, 80th Spt Gp. 6. Dir Engr & Housing, 282nd CS Bn Spt. 7. DPW, USACAC and Ft Leavenworth. 8. Maint & Opns Sec, USA Elm Allied Land Forces Southeastern Europe. 9. Force Cdrs Staff and MFO XHARM El Shukh, USA Elm Cdrs Staff Multinational Peace. 10. Facilities Br, 80th Spt Gp Aug. 11. Dir Engr & Hous, 282d Cs Bn Spt Aug.

Notes:

- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-51K-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2	1. Occasionally lifts and carries 115 pounds.
2	1, 2	2. Frequently lifts and carries 50 pounds.

**Table 10-51K-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	PLUMBER/PIPEFITTER	51K1O	PFC	1	1	2	2	2	3	3	3	3	1. Cbt Engr Hvy companies standard will be applied to cumulative positions at company level.	
2	PLUMBER/PIPEFITTER	51K1O	SPC	1	1	1	2	2	2	2	3	4	2. In all other units standard will be applied based on number of positions in elements/sections.	
3	PLUMBER/PIPEFITTER	51K2O	SGT	1	1	1	2	2	2	3	3			
4	PLUMBER/PIPEFITTER	51K2O	SGT										Repair and Utilities Section of: a. MP EPW/CI Bn. Second position also graded SGT. b. MP Bn (I/R). Second position also graded SGT. c. MP Confinement Bn.	

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-51K-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	PLUMBER/PIPEFITTER	51K1O	PFC	1	1	1	2	2	3	3	3	3	Grades of additional positions will be in same pattern.	
2	PLUMBER/PIPEFITTER	51K1O	SPC	1	1	1	2	2	2	2	3	4		
3	PLUMBER/PIPEFITTER	51K2O	SGT	1	1	1	2	2	2	3	3			

**Table 10-51K-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
4 PLUMBER/PIPEFITTER	51K2O	SGT													Prev Maint Br, USA Disciplinary Barracks.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-51M-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2	1. Occasionally lifts and carries 170 pounds.
2	1, 2	2. Frequently lifts and carries 65 pounds.

**Table 10-51M-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 FIREFT FIRE TRUCK OPR	51M1O	PFC	1	2	2										Grades of additional positions will be in same pattern.
2 FIREFT CSH RESCUE SP	51M1O	SPC	1	1	1	1									
3 FIREFT CSH RESCUE SGT	51M2O	SGT				1									
4 FIREFT CSH RESCUE SGT	51M2O	SGT													Tech Spt Sec, Ord Co, Ammo Pls/MOADS, CSA, DS and TSA.
5 FIRE TEAM CHIEF	51M3O	SSG													Principal NCO in a firefighting team Hq.
6 FIRE INSPECTOR	51M3O	SSG													1. Firefighting team Hq. 2. ACoS Facilities Engineering Sec of Engr Cmd.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-51M-3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 FIREFT FIRE TRUCK OPR	51M1O	PFC	1	2	2										Grades of additional positions will be in same pattern.
2 FIREFT CSH RESCUE SP	51M1O	SPC	1	1	1	1									
3 FIREFT CSH RESCUE SGT	51M2O	SGT				1									
4 FIRE INSPECTOR	51M2O	SGT													1. U.S. Army Aviation, Ft Rucker. 2. USAG, Alaska. Second position also graded SGT.
5 SR FIRE INSPECTOR	51M3O	SSG													Engr/Housing, USA Forces Center Command Kuwait.
6 FIRE TEAM CHIEF	51M3O	SSG													Principal NCO of a fire fighting team.

**Table 10-51M-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
7	FIRE CHIEF	51M4O	SFC													Supervisor of two or more firefighting teams (second shift graded SFC).
8	SR FIRE FIGHTER	51M4O	SFC													Fire Prev Prot, 22d Area Spt Gp Aug.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-51R-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2	1. Occasionally lifts and carries 577 pounds as part of a 6 soldier team (prorated at 96 pounds per soldier).
2	1, 2	2. Occasionally ascends and descends 50 foot pole.

**Table 10-51R-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	INTERIOR ELECTRICIAN	51R1O	PFC	1	1	1	2	2	2	3	3	3	3	3	1. Cbt Engr Hvy companies standard will be applied to cumulative positions at company level. 2. All other units standard will be applied based on number of positions in elements/sections.
2	INTERIOR ELECTRICIAN	51R1O	SPC	1	1	1	2	2	2	3	3	3	3		
3	INTERIOR ELECTRICIAN	51R2O	SGT		1	1	1	2	2	2	3	4			
4	INTERIOR ELECTRICIAN	51R2O	SGT												1. Repair and Utilities Section of: a. MP EPW/CI Bn. Second position also graded SGT. b. MP Bn (I/R). Second position also graded SGT. c. MP Confinement Bn. 2. Base Spt Plt, Fwd Spt Co, SOSB. Second position also graded SGT.

Notes:

- 1 \*Blank spaces in this column indicate not applicable.
- 2 When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- 3 When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-51R-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	INTERIOR ELECTRICIAN	51R1O	PFC	1	1	1	2	2	2	3	3	3	3	3	Grades of additional positions will be in same pattern.
2	INTERIOR ELECTRICIAN	51R1O	SPC		1	1	1	2	2	2	3	3	4		
3	INTERIOR ELECTRICIAN	51R2O	SGT		1	1	1	2	2	2	3	3			

**Table 10-51R-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
4	INTERIOR ELECTRICIAN	51R2O	SGT													Preventive Maintenance Shop Br, USA Disciplinary Barracks.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-51T-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2	1. Frequently lift/lowers 50 pounds 100 yards.
2	1, 2	2. Occasionally lifts/lowers and carries 65 pounds.
3	2	
4	2	

**Table 10-51T-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	TECH ENGR SPEC	51T1O	PFC	1	1	2	2	2	3	3	3	4	Grades of additional positions will be in the same pattern. Except HHC Spt Gp, see line 6.	
2	TECH ENGR SPEC	51T1O	SPC	1	1	1	1	2	2	2	3	3		
3	TECH ENGR SGT	51T2O	SGT		1	1	1	2	2	2	3	3		
4	SURVEY INST REP	51T1OC7	SPC	1	1								ASI C7 will be used for performing organic equipment maintenance.	
5	SURVEY INST REP	51T2OC7	SGT		1									
6	TECH ENGR SPEC	51T1O	PFC										Engr Br, HHC, Spt Gp.	
7	TECH ENGR SGT	51T2O	SGT										1. Asst Div Engr Sec, HHD, Engr Bde. 2. Staff Engr Sec, HHC, Engr Bde, Corps.	
8	RECONNAISSANCE SGT	51T3O	SSG										S2 Sec: a. HHC, Engr Gp (Const). b. Engr Cbt Bn (Hvy).	
9	TECH ENGR NCO	51T3O	SSG										1. S3 Sec, HHC Engr Cbt Bn, Abn, Corps Lt. 2. Ops Sec, Engr Port Const Co. 3. Ops-Plans Sec/S3 Sec, HHC, Engr Gp (Cbt). 4. Office of Staff Engineer, HHC, Theater Signal Cmd. 5. Design/Mgt Sec, HHC, Engr Gp (Const).	
10	SR TECH ENGR NCO	51T4O	SFC										1. ACofS Engr and Fac Engr, HHC, Engr Cmd. 2. Const Mgt Sec, HHC, Engr Bde (TA). Second position also graded SFC. 3. Staff Engr Sec, HHC, Engr Bde (Corps). 4. S3 Sec, Engr Cbt Bn (Hvy). 5. HHC, Medical Command.	

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> 2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–51T–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes									
				1	2	3	4	5	6	7	8	9	10										
1	TECH ENGR SPEC	51T10	PFC	1	1	2	2	2	3	3	3	4	Grades of additional positions will be in same pattern.										
2	TECH ENGR SPEC	51T10	SPC	1	1	1	1	2	2	2	3	3	3										
3	TECH ENGR SGT	51T20	SGT		1	1	1	2	2	2	3	3											
4	SURVEY INST REP	51T10C7	SPC	1	1											ASI C7 will be used for performing organic equipment maintenance.							
5	SURVEY INST REP	51T20C7	SGT	1																			
6	TECH ENGR SGT	51T20	SGT											1. Ops/Watchkeeping, Hq, Allied Forces Southern Europe. 2. Graphics Sec, USA Element Allied Forces Southeast Europe. 3. Range and Training Area, USA Aviation Center. 4. Fac Spt Div, USA Equip Eval Act. Second position also graded SGT. 5. FCDNA Det (JA), USA Elm Sp Wpns Fld Cmd.									
7	TECH ENGR NCO	51T30	SSG											S4 Sec, USA Air Defense Sch.									
8	SR TECH ENGR NCO	51T40	SFC											1. Fac Sec, USA Elm OJCS. Second positions also graded SFC. 2. Fac Br (second position graded SFC) and Test Spt Br, USA Operational Test and Eval Agcy. 3. Const Mgt Sec, 130th Engr Bde. 4. Regional Spt Cmd Full Time Spt.									

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–51Z–1  
Physical requirements**

Skill level	Task numbers	Tasks
TO BE DETERMINED		

**Table 10–51Z–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	First sergeant	51Z5M	1SG	Principal NCO of Engineer Combat Company and Engr Co, Prime Power Bn.
2	Operations sergeant	51Z5O	MSG	Principal operations NCO in: a. Construction Management Sec, Co Hq, Ops–Plans Sec, Engr Bde, TA. b. S3 Section, Engr Combat Battalion (Heavy). c. Engr Sec, HHD, Spt Bn (base). d. Engr Cellular Teams: (1) Real Estate. (2) Engr Civic Action, Hq. (3) Engr Civic Action, Control. (4) Utilities (10K). (5) S3 Sec, Engr Tm, Bn Hq Support. e. ACofS: Plans–Ops Sec, Engr Sec and Fac Engr Sec, Hq Cmdt Sec Engr Cmd. f. GST Committee, GST Committee MOS 62. Additional positions will be graded MSG. g. S2/S3 Section, HHD, Prime Power Bn.

**Table 10–51Z–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Explanatory notes
3	Const ops sergeant	51Z5O	MSG	1. S3 Section, Engr Bde, TA. 2. Services Section, HHC and Sp Trp, COSCOM. 3. Services Section, TAACOM. 4. G3 Section, Army Forces Staff. 5. ACoS Engineering Section, Engr Command. 6. Engr Sec at 8th Army. 7. Staff Engr Ofc, HHC Theater Comm Cmd (Army). 8. Ofc of Staff Engr, HHC Theater Signal Cmd (A). 9. Dir of Logistics, TASOSC.
4	Asst operations sgt	51Z5O	MSG	1. ACoS Plans, Ops and Fac Engr Sec, EngrCommand. 2. S3 Section, Engr Group (Construction).
5	Const inspector	51Z5O	MSG	Principal construction inspector in: a. Design Management Section Cbt Engr Group. b. Op/Plans Sec of Engr Bde, Corps and TA. c. Engineer Cellular Real Estate Team. d. ACoS Plans-Ops Sec, Engr Cmd. e. Qual Test Br, Engr. Second position will be graded MSG.
6	Maintenance supv	51Z5O	MSG	Hvy Maint Sec, HHD, Prime Power Bn.
7	Power station sgt	51Z5O	MSG	Prime Power Plt Hq, Engr Co, Prime Power Bn.
8	Intelligence sergeant	51Z5O	MSG	1. S2 Section, Engr Group (Construction). 2. S2 Section, HHC, Engr Bde, TA.
9	Operations sergeant	51Z5O	SGM	Principal operations NCO in: a. S3 Section, Engr Bde TA. b. Design Management Sec, S3 Sec Cbt Engr Group. c. ACoS: Plans–Ops Sec, Engineering Sec and Facilities Engineering Section, Engr Command. d. GST Committee, GST Committee MOS 62. e. Staff Engr Ofc, HHC Theater Comm Cmd (Army). f. S3 Section, Engr Group (Construction).
10	Senior engineering NCO	51Z5O	SGM	Engr Sec at 8th Army.

Notes:

<sup>1</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–51Z–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	FIRST SERGEANT	51Z5M	1SG	Principal NCO in engr co.
2	OPERATIONS SERGEANT	51Z5O	MSG	Principal NCO in: a. Opns Sec, U.S. Army WSMR. b. Plns & Opns Div, U.S. Army Elm U.S. Forces, Korea. c. S3/5/6 Aug, U.S. Army Southern European Task Force.
3	CONST OPS SERGEANT	51Z5O	MSG	1. Contract Br, USAG Ft Hood. 2. SSC/UCC and In House Work Station, USA Elm SHAPE. 3. Engr Sec, U.S. Army Elm Allied Forces Central Europe. 4. Inst Spt/Eng/Hsg, USA Forces Central Cmd, Kuwait. 5. Military Div, U.S. Army Pacific Activity. 6. Ofc of DPW: a. 20th Spt Gp HHC Aug. b. 34th Spt Gp HHC Aug.
4	SENIOR CAREER ADVISOR	51Z5O	MSG	Engr Br, USA PERSCOM.

**Table 10-51Z-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
5	SENIOR ENGINEERING NCO	51Z50	SGM	1. Principal NCO in installation DPWs. Except: a. USACAC and Ft Leavenworth. b. USAG: Fts Lee and Carson; Hawaii and Alaska (second position graded SFC). c. 20th Spt Gp HHC Aug (see line 3). d. 34th Spt Gp HHC Aug (see line 3). 2. S2/3 Sec, U.S. Army Arctic Spt Bde. 3. Opns Ofc, USAADAC and Ft Bliss. 4. DCSENGR, U.S. Army SOC. 5. Presidential Cntg Prog, U.S. Army Wash Hq Svc Elm. 6. U.S. Army Avn Ctr and Ft Rucker. 7. U.S. Army Trans Ctr and Ft Eustis.

Notes:

- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-52C-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts and lowers 150 pounds up/down 2 feet and carry 1 feet as part of a 2 soldier team prorated at 75 pounds per soldier.
2	1, 2, 3, 4, 5	2. Occasionally lifts/lowers and carries 50 pounds.
3	4, 5	3. Must possess normal color vision. 4. Must possess finger dexterity in both hands. 5. Frequently reads complex schematic diagrams.

**Table 10-52C-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Utilities equipment repairer	52C10	PFC	1	1	2	2	2	2	3	3	3	3	1. Grades of additional positions will be in same pattern. 2. SSG counts against total utilities equipment repairer positions.
2	Utilities equipment repairer	52C10	SPC	1	1	1	1	2	2	2	3	3		
3	Utilities equipment repairer	52C20	SGT	1	1	1	1	1	2	2	2	3		
4	Senior utilities equipment repairer	52C30	SSG					1	1	1	1	1	1	
5	Technical inspector	52C30	SSG											When 10 or more soldiers in this or associated MOS are performing DS/GS or higher maintenance, one may be designated a technical inspector.
6	Utilities equipment maintenance manager	52C30	SSG											Management of ground support equipment in the materiel branch of support battalion and in a MMC.
7	Senior quartermaster and chemical equipment repairer	52C30	SSG											One senior repairer for control and to provide technical advice to 4 to 9 MOS 63J QM and Chemical Equipment Repairers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-52C-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Utilities equipment repairer	52C1O	PFC	1	1	2	2	2	2	3	3	3	3	1. Grades of additional positions will be in same pattern. 2. SSG counts against total utilities equipment repairer positions.
2	Utilities equipment repairer	52C1O	SPC	1	1	1	1	2	2	2	3	3		
3	Utilities equipment repairer	52C2O	SGT	1	1	1	1	1	2	2	2	3		
4	Senior utilities equipment repairer	52C3O	SSG					1	1	1	1	1		
5	Technical inspector	52C3O	SSG										When 10 or more soldiers in this or associated MOS are performing DS/GS or higher maintenance, one may be designated a technical inspector.	
6	Senior quartermaster and chemical equipment repairer	52C3O	SSG										One senior repairer for control and to provide technical advice to 4 to 9 MOS 63J QM and Chemical Equipment Repairers.	

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-52D-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts/lowers 250 pounds up/down 2 feet as part of a two soldier team prorated at 125 pounds per soldier using authorized lifting devices.
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts and lowers 150 pounds up/down 4 feet as part of a 2 soldier team prorated at 75 pounds per soldier.
3	4, 5, 6	3. Occasionally lifts/lowers and carries 42 pounds. 4. Must possess normal color vision. 5. Must possess finger dexterity in both hands. 6. Frequently reads complex schematic diagrams.

**Table 10–52D–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	PWR-GEN EQUIP REP	52D1O 52D1OC9 52D1OD4	PFC		1	1	2	2	2	2	3	3	3	1. Grades of additional positions will be in same pattern and applied cumulative positions at section level. 2. Positions associated with Aviation Generators/Ground Power Units will be coded with ASI D4.
2	PWR-GEN EQUIP REP	52D1O 52D1OC9 52D1OD4	SPC	1		1	1	1	2	2	2	3	3	3. Positions associated with Mast and Electric Power Plant Maint will be coded with ASI C9. 4. SG will not be reapplied separately to those positions associated with ASI C9 and D4.
3	PWR-GEN EQUIP REP	52D2O 52D2OC9 52D2OD4	SGT		1	1	1	1	1	2	2	2	3	
4	SR PWR-GEN EQUIP REP	52D3O 52D3OC9 52D3OD4	SSG					1	1	1	1	1	1	
5	TECHNICAL INSPECTOR	52D3O 52D3OC9 52D3OD4	SSG											1. When duties require equipment inspection or QA/QC control. 2. Subsequent positions also graded SSG. 3. Positions associated with Aviation Generators/Ground Power Units will be coded with ASI D4. 4. Positions associated with Mast and Electric Power Plant Maint will be coded with ASI C9.
6	SR PWR-GEN EQUIP REP	52D3O 52D3OC9 52D3OD4	SSG											1. Management of pwr-gen in Material Sec/Br of Sup Bn and MMC. 2. Grd Maint Br (Rear), MMC Split-Ops, COSCOM. 3. Base Spt Plt, Fwd Spt Co, SOSB (Abn). 4. Positions associated with Aviation Generators/Ground Power Units will be coded with ASI D4. 5. Positions associated with Mast and Electric Power Plant Maint will be coded with ASI C9.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–52D–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	PWR-GEM EQUIP REP	52D1O 52D1OC9 52D1OD4	PFC		1	1	2	2	2	2	3	3	3	1. Grades of additional positions will be in same pattern and applied cumulative positions at section level. 2. Positions associated with Aviation Generators/Ground Power Units will be coded with ASI D4.
2	PWR-GEN EQUIP REP	52D1O 52D1OC9 52D1OD4	SPC	1		1	1	1	2	2	2	3	3	3. Positions associated with Mast and Electric Power Plant Maint will be coded with ASI C9. 4. SG will not be reapplied separately to those positions associated with ASI C9 and D4.
3	PWR-GEM EQUIP REP	52D2O 52D2OC9 52D2OD4	SGT		1	1	1	1	1	2	2	2	3	
4	SR PWR-GEN EQUIP REP	52D3O 52D3OC9 52D3OD4	SSG					1	1	1	1	1	1	
5	TECHNICAL INSPECTOR	52D3O 52D3OC9 52D3OD4	SSG											1. When duties require equipment inspection or QA/QC control. 2. Subsequent position also graded SSG. 3. Positions associated with Aviation Generators/Ground Power Units will be coded with ASI D4. 4. Positions associated with Mast and Electric Power Plant Maint will be coded with ASI C9.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–52E–1  
Physical requirements**

Skill level	Task numbers	Tasks
2	1, 2, 3, 4	1. Lifts and lowers 5 feet and carries a distance of 50 feet 200 pounds as part of a 2 soldier team (prorated 100pounds).
3	1, 2, 3, 4	2. Lifts and lowers 3 feet and carries a distance of 50 feet 125 pounds as part of a 2 soldier team (prorated 62.5pounds).
4	1, 2, 3, 4	3. Frequently reads complex schematic diagrams. 4. Must possess finger dexterity in both hands.

**Table 10–52E–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	Power plant operator Power station mech Power station elect Power station inst	52E2O 52E2OS2 52E2OS3 52E2OE5	SGT	1												Grades of additional positions will be in same pattern. ASI S2, S3 and E5 will be used with these positions.
2	Power plant operator Sr power station mech Sr power station elect Sr power station inst	52E3O 52E3OS2 52E3OS3 52E3OE5	SSG	1	1											
3	Distribution sys sgt	52E2OU4	SGT													Maint Sec, Pwr Plant Op/Maint Tm. Second position will be graded SGT.
4	Detachment sergeant	52E4O	SFC													Hq Detachment, Prime Power Bn.
5	Intelligence sergeant	52E4O	SFC													S2/S3 Section, HHD Prime Power Bn.
6	Operations sergeant	52E4O	SFC													1. S2/S3 Section, HHD Prime Power Bn. Second position will be graded SSG, Asst ops sergeant. 2. Co Hq, Engr Co, Prime Power Bn.
7	Prime power NCO	52E4O	SFC													Public Works Tm, CA Det (Gen Spt).
8	Sr power station mech	52E4OS2	SFC													1. Hvy Maint Sec, HHD Prime Power Bn. 2. Maint Sec, Pwr Plant Op/Maint Tm.
9	Sr power station elec	52E4OS3	SFC													1. Hvy Maint Sec, HHD Prime Power Bn. 2. Ops Sec, Pwr Plant Op/Maint Tm.
10	Prime power supv	52E4O	SFC													Prime Power Sec, Engr Co, Prime Power Bn.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–52E–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	POWER STATION MECHANIC	52E2OS2	SGT	1	1	1	1	1	1	1	1	2	2			Grades of additional positions will be in same pattern.
2	POWER STATION ELECT	52E2OS3	SGT					1	1	1	1	1	1			
3	POWER STATION INST	52E2OE5	SGT						1	1	1	1	1			
4	SR POWER STATION MECH	52E3OS2	SSG	1	1	1	1	1	1	1	2	2	2	2		
5	SR POWER STATION ELECT	52E3OS3	SSG					1	1	1	1	1	2	2	2	

**Table 10-52E-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
6	SR POWER STATION INST	52E3OE5	SSG				1	1	1	1	1	1	1	2	
7	PRIME POWER NCO	52E2O	SGT												Sys Mnt and Radar Sec, ADA THAADS Bn, USAADAS.
8	SR PRIME POWER SGT	52E3O	SSG												Sys Mnt and Radar Sec, ADA THAADS Bn, USAADAS. Second position graded per line 7.
9	SR POWER STATION MECH	52E3OS2	SSG												Main and Opns, USA Elm, Allied Land Forces Southeastern Europe/ALFSEE.
10	CH PRIME POWER ELECT	52E4OS3	SFC												1. SSC/UCC Sec, USA Elm SHAPE. 2. Forces Cdrs Staff, USA Elm Cdrs Stf Multinational Peace.
11	POWER STATION NCO	52E4O	SFC												Rsch Reaction Div, USA Armd Forces Radiobiology.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-52F-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts/lowers and carries 125 pounds for a distance of 12 feet.
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts/lowers and carries up to 80 pounds for a distance of 16 feet.
3	4, 5, 6	3. Occasionally lifts/lowers and carries 50 pounds. 4. Must possess normal color vision. 5. Must possess finger dexterity in both hands. 6. Frequently reads complex schematic diagrams.

**Table 10-52F-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	Turbine engine generator repairer	52F1O	PFC		1	1	1	2	2	2	3	3	3		Grades of additional positions will be in same pattern.
2	Turbine engine generator repairer	52F1O	SPC		1	1	1	2	2	2	3	3	4		
3	Turbine engine generator repairer	52F2O	SGT			1	1	1	2	2	2	3	3		
4	Turbine engine generator repairer	52F1O	PFC		1	1	1	1	2	3	3	3	3		Special use in support of AD PATRIOT Btry.
5	Turbine engine generator repairer	52F1O	SPC			1	2	2	2	2	3	3	4		
6	Turbine engine generator repairer	52F2O	SGT		1	1	1	1	2	2	2	2	3	3	
7	Technical inspector	52F3O	SSG												Technical inspector will be authorized as required.

**Table 10-52F-2  
Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
8 Turbine engine generator repairer supervisor	52F3O	SSG													Supervision of 6 to 12 MOS 52F soldiers.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-52F-3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 Turbine engine generator repairer	52F1O	PFC	1	1	1	2	2	2	3	3	3				Grades of additional positions will be in same pattern.
2 Turbine engine generator repairer	52F1O	SPC	1	1	1	2	2	2	3	3	3	4			
3 Turbine engine generator repairer	52F2O	SGT		1	1	1	2	2	2	3	3				
4 Technical inspector	52F3O	SSG													Technical inspector will be authorized asrequired.
5 Turbine engine generator repairer supervisor	52F3O	SSG													Supervision of 6 to 12 MOS 52F soldiers.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-52G-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Frequently lifts, carries and lowers 100 pounds.
2	1, 2, 3	2. Occasionally pushes and pulls 100 pounds.
3	1, 2, 3	3. Must possess normal color vision.
4	3	

**Table 10-52G-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 Exterior electrician line-man	52G1O	PFC	1	1	2	2									Grades of additional positions will be in same pattern.
2 Exterior electrician line-man	52G1O	SPC	1	1	1	1	2								
3 Exterior electrician line-man	52G2O	SGT		1	1	1									

**Table 10-52G-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
4	Senior exterior electrician Senior lineman Assistant team chief	52G3O	SSG													Supervisor of: a. Individual four or more person work crew. b. Energized circuit work crew.
5	Electrical team chief	52G4O	SFC													Electrical transmission and distribution sectionsupervisor.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-52G-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	Exterior electrician line-man	52G1O	PFC	1	1	2	2									Grades of additional positions will be in same pattern.
2	Exterior electrician line-man	52G1O	SPC	1	1	1	1	2								
3	Exterior electrician line-man	52G2O	SGT			1	1	1								
4	Senior exterior electrician Senior lineman Assistant team chief	52G3O	SSG													Supervisor of: a. Individual four or more person work crew. b. Energized circuit work crew.
5	Electrical team chief	52G4O	SFC													Electrical transmission and distribution section supervisor.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-52X-1  
Physical requirements**

Skill level	Task numbers	Tasks
		TO BE DETERMINED

**Table 10-52X-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	Sp purp equip rep supv	52X4O	SFC	1. Supervision of 10 or more subordinate maintenance and support soldiers engaged in the repair of special purpose equipment within the same paragraph in: a. Ground support equipment (GSE) repair section of: (1) Ground (Grnd) Spt Co DASH-2 ATK; or Avn Co. (2) Ord Maint Co, SIB. (3) Ord Maint Co, HSB. (4) Maint Co, FSB, Inf and Hvy Div; or MSB LID; and Hq/Main Spt Co, Maint Bn, LID. (5) Equip Disassembly Sec, Svc Co, Collecting and Classification. (6) Lt Equip Rep Sec, Ord Maint Co, Hvy, MSB.

**Table 10-52X-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Explanatory notes
				b. Tech Maint Spt Sec, Engr TOPO Bn, TA. c. Svc Sec, Maint/Sup Co, GM GS. d. Mech Equip Maint Sec, Maint Co, DS HAWK (TA 4X2), and DS (CHAP, VUL and FAAR). e. Maint Sec of: (1) Sig Co, TAACOM. (2) Hq/MAIN or Fwd Spt Co, SOSB, Abn. Position coded with SQI P. (3) PetrI Pl/Tml Ops Co. f. Mech Maint Sec of: (1) HH/Svc Co, MI or CEWI Bn, Hvy Div, and MI Ops Bn, Bde. Abn position coded with SQI P. (2) Maint/Sup Co, Maint Bn. (3) Maint Co, DS, ADSCOM. (4) Mech Maint Plt, H/S Co, MI Bn TE. Abn position coded with SQI P. g. Pwr Gen Equip, Lt Equip or Engr Rep or Maint Sec of: (1) Lt Ord Maint Co, MSB, LID and Hvy Div. (2) MAIN Ord Mnt Co, MSB, Hvy Div. (3) Hvy Ord Maint Co, Ord Maint Bn, AASLT. (4) Fwd Spt Co, SAUDI. h. Pwr Gen Rep Plt, Tm LF, and Mbl Maint Tm LF. i. QM/Chem Rep Sec, QM/Chem Rep Plt, Maint Tm LG. j. GSE Maint or Rep Sec of: (1) Abn Hvy. Position coded with SQI P; and Non-Div DS. (2) Ord Trp Spt Sqdn, Hvy ACR. (3) Grnd Maint Co, DASB-1 Atk. k. Engr/GSE Rep Sec, MAIN Spt Maint/Svc Co, LID. l. Util Equip/QM Cml Rep Sec and Util/Cml Rep Sec (2nd Shift (Sh)), Pwr Gen Rep Sec and Pwr Gen Rep Sec (2nd Sh), of a Maint Co, MSB, Lt Equip GS. 2. For sections with less than 10 positions. Supervisory position will be graded SSG. See tables 10-52C-2, 10-52D-2, or 10-52F-2.
2	Platoon sergeant	52X4O	SFC	Principal NCO in: a. Maint Spt, Grnd Spt, Grnd Spr Maint, GSE, GSE Maint or Rep Plt Hq. b. Plt Hq, Pwr Gen Equip Rep Plt, Tm LF and QM/Chem Rep Plt, Tm LG. c. Maint Co, Lt Equip GS.
3	Sp purp equip mgt sgt	52X4O	SFC	Management of special purpose equipment in: a. Hq Co, Sig Spt Co and Sig Cmd Commo Co. b. Autmv/GSE Br, HHC/MMC, SUPCOM, AASLT; Abn position coded with SQI P, LID and ADSCOM. c. GSE Maint Br, MMC, COSCOM and TAACOM. d. GSE/CHEM Maint Br, MMC TAACOM.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-52X-3  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	Sp purp equip rep supv	52X4O	SFC	1. Supervision of 10 or more subordinate maintenance and support soldiers engaged in the repair of special purpose equipment within the same paragraph in: a. Ground support equipment (GSE) repair section of: (1) Ground (Grnd) Spt Co DASB-2 ATK; or Avn Co. (2) Ord Maint Co, SIB. (3) Ord Maint Co, HSB. (4) Maint Co, FSB, Inf and Hvy Div; or MSB LID; and Hq/Main Spt Co, Maint Bn, LID. (5) Equip Disassembly Sec, Svc Co, Collecting and Classification. (6) Lt Equip Rep Sec, Ord Maint Co, Hvy, MSB. b. Tech Maint Spt Sec, Engr TOPO Bn, TA. c. Svc Sec, Maint/Sup Co, GM GS. d. Mech Equip Maint Sec, Maint Co, DS HAWK (TA 4X2), and DS (CHAP, VUL and FAAR). e. Maint Sec of: (1) Sig Co, TAACOM. (2) Hq/MAIN or Fwd Spt Co, SOSB, Abn. Position coded with SQI P. (3) PetrI Pl/Tml Ops Co.

**Table 10-52X-3  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Explanatory notes
				<p>f. Mech Maint Sec of:                      (1) HH/Svc Co, MI or CEWI Bn, Hvy Div, and MI Ops Bn, Bde. Abn position coded with SQI P.                      (2) Maint/Sup Co, Maint Bn.                      (3) Maint Co, DS, ADSCOM.                      (4) Mech Maint Plt, H/S Co, MI Bn TE. Abn position coded with SQI P.</p> <p>g. Pwr Gen Equip, Lt Equip or Engr Rep or Maint Sec of:                      (1) Lt Ord Maint Co, MSB, LID and Hvy Div.                      (2) MAIN Ord Mnt Co, MSB, Hvy Div.                      (3) Hvy Ord Maint Co, Ord Maint Bn, AASLT.                      (4) Fwd Spt Co, SAUDI.</p> <p>h. Pwr Gen Rep Plt, Tm LF, and Mbl Maint Tm LF.</p> <p>i. QM/Chem Rep Sec, QM/Chem Rep Plt, Maint Tm LG.</p> <p>j. GSE Maint or Rep Sec of:                      (1) Abn Hvy. Position coded with SQI P; and Non-Div DS.                      (2) Ord Trp Spt Sqdn, Hvy ACR.                      (3) Grnd Maint Co, DASB-1 Atk.</p> <p>k. Engr/GSE Rep Sec, MAIN Spt Maint/Svc Co, LID.</p> <p>l. Util Equip/QM Cml Rep Sec and Util/Cml Rep Sec (2nd Shift (Sh)), Pwr Gen Rep Sec and Pwr Gen Rep Sec (2nd Sh), of a Maint Co, MSB, Lt Equip GS.</p> <p>2. For sections with less than 10 positions. Supervisory position will be graded SSG. See tables 10-52C-2, 10-52D-2, or 10-52F-2.</p>
2	Platoon sergeant	52X40	SFC	<p>Principal NCO in:                      a. Maint Spt, Grnd Spt, Grnd Spr Maint, GSE, GSE Maint or Rep Plt Hq.                      b. Plt Hq, Pwr Gen Equip Rep Plt, Tm LF and QM/Chem Rep Plt, Tm LG.                      c. Maint Co, Lt Equip GS.</p>
3	Sp purp equip mgt sgt	52X40	SFC	<p>Management of special purpose equipment in:                      a. Hq Co, Sig Spt Co and Sig Cmd Commo Co.                      b. Autmv/GSE Br, HHC/MMC, SUPCOM, AASLT; Abn position coded with SQI P, LID and ADSCOM.                      c. GSE Maint Br, MMC, COSCOM and TAACOM.                      d. GSE/CHEM Maint Br, MMC TAACOM.</p>

Notes:

<sup>1</sup> \*Blank spaces in this column indicate notapplicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-54B-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5,	1. Many tasks routinely are performed in MOPP 1-4 equipment.
2	1, 2, 3, 4, 5	2. Frequently pushes and pulls 474 pounds 3 feet (task may require two soldiers).
3	1, 5	3. Constantly raises from horizontal to vertical position 237 pounds three feet.
4	1, 5	4. Occasionally lifts and carries 86 pounds approximately 50 feet.
5	1, 5	5. Must possess normal color vision.

**Table 10-54B-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	CHEMICAL OPS SP	54B10 54B1OL4 54B1OL5	PFC	1	1	2	2	3	3	4	4	5	5	1. Grades of additional positions will in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other lines.
2	CHEMICAL OPS SP	54B10 54B1OL4 54B1OL5	SPC	1	1	2	2	3	3	4	4	5		
3	VEHICLE DRIVER	54B10	PFC											
4	DECONTAMINATION SP	54B10	SPC											Non-Chemical units and Hq equipped with decontamination equipment LIN# F81880 or LIN# D82404
5	NBC SPECIALIST	54B10	SPC											All single positions not specifically identified in any other lines.
6	CHEMICAL OPS NCO	54B20 54B2OL4 54B2OL5	SGT											1. Supervisor of: a. Two or more soldiers performing NBC recon or fuel supply operations. Positions identified with ASI L5. b. Four or more soldiers performing decon or smoke operations, except Hvy Div, see line 4 below. 2. Survey Sec, NBC Co. 3. BIDS Tm, Cml Co. (BIO Det). Position coded with ASI L4. 4. Smoke Sqd, Cml Co, Hvy Div, (one per track veh when not manned by the squad leader). 5. Decon/Recon Tm, HHC SF Gp (A). Second position graded SPC. Use with SQI S. 6. Fid Svc Det, Det Hq, SOSB.
7	NBC NCO	54B20	SGT											1. Single position at Co/Brty/Trp level: SOC, Inf, AAR, FA, ADA, Avn, Engr, MP, Graves Registration, Civil Affairs. 2. All separate CS/CSS companies (less Maint/Ord Co) without a Battalion Hq.
8	NBC NCO	54B30 54B3OJ5 54B3OL4	SSG											1. S2/S3/Opns Sec/Scty/Plans Br, Bn/Sqdn except as noted in line 14. 2. FA/FB/JA/JB Cell Tm. 3. Div NBC Cml Sec, Cmls Co. 4. BIDS Tm, Cml Co (Bio Det). 5. Hospital Operations Sec, Hospital Unit Base. 6. S2/S3 Sec, Surg Hospital. 7. Operations & Logistics Sec, Pers Svc Bn. 8. S3 Sec, TASOC. 9. NBC Det Hq, SF Gp. Position coded with SQI S. 10. Tech Intel Sec, Operations Analysis Co, MI Bn. 11. Operations/Intel Sec/Plns Sec/ADC Sec, TAACOM. 12. Operations/Intel Sec, Rear Ops Ctr, ASG and Corps. 13. Agency Hq, Trans Agency TA Movement Control. 14. Hq Spec Trp Bn, COSCOM and Theater Spt Cmd. 15. International Spt Div, MMC (Split-Ops) COSCOM. 16. NBC/Fire Spt Cell/Main, LID. 17. MOB/Survey Elm/Tac, Inf Div Mech. 18. S2/S3 Sec, MP Det Command and Control. 19. Tech Intel Sec, OpsAnalysis Co, MI Bn. 20. Chem/Intel Plt, MI Co (Tech Intel). Position coded with ASI J5. 21. Tech Intel Sec, MI Det (Tech Intel). Position coded with ASI J5. 22. Separate Maint and Ord Co. 23. Passive Defense Cell, Army Air and Missile Defense Command (AAMDC).
9	SQUAD LEADER	54B30 54B3OL1 54B3OL5	SSG											1. Chemical Squad. 2. Fuel/Water Supply Squad. 3. NBC Recon Squad. Position coded with ASI L1 and L5.

**Table 10-54B-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
10	COMPUTER PLOTTER	54B3O 54B3OJ5	SSG												<ol style="list-style-type: none"> <li>1. NBC Ctr, Cml Co, Div.</li> <li>2. S3/Chemical Sec, Regt/Bde or Gp.</li> <li>3. Tm JA/JB, Cml Svc Org.</li> <li>4. NBC Br/Cml Sec: <ol style="list-style-type: none"> <li>a. COSCOM.</li> <li>b. HHC Theater Sig Cmd.</li> <li>c. CASCOM (TA).</li> <li>d. Theater Spt Cmd.</li> </ol> </li> <li>5. Cml/Fire Spt Cell/Main, Corps.</li> <li>6. Ops/Intel Br, HHC &amp; Sp Trp TAACOM.</li> <li>7. NBC/Fire Spt Cell/Main and G3/Tac Cp, LID.</li> <li>8. Mob/Survey/G3/Main, Div.</li> </ol>
11	PLATOON SERGEANT	54B4O 54B4OL1 54B4OL4 54B4OL5	SFC												<p>Principal NCO in:</p> <ol style="list-style-type: none"> <li>a. Chemical Platoon.</li> <li>b. Chemical Recon Platoon. Position coded with ASI L1 and L5.</li> <li>c. BIDS Plt Hq. Position coded with ASI L4.</li> </ol>
12	OPERATIONS SER-GEANT	54B4O 54B4OL1 54B4OL4	SFC												<ol style="list-style-type: none"> <li>1. Co Hq, Cml Co.</li> <li>2. SF NBC Det.</li> <li>3. HHD Cml Bde.</li> <li>4. NBC Recon Co. Position coded with ASI L1.</li> <li>5. Cml Co (BIDS Det). Position coded with ASI L4.</li> </ol>
13	DETACHMENT NCO	54B4O	SFC												HHD, Chemical Battalion.
14	NBC STAFF NCO	54B4O 54B4OJ5 54B4OL1	SFC												<ol style="list-style-type: none"> <li>1. S2/S3 Sec/Opns Plns Sec, Cml/Engr/Sig/Mp/PSYOP/MI/ CA Bn. Position coded with ASI 2S.</li> <li>2. S3 Sec, Avn Bn (SOA), SF Bn and SOSB. Position coded with SQI S and ASI 2S.</li> <li>3. S2/S3, Sec, Ranger Bn. Position coded with SQI V and ASI 2S.</li> <li>4. Div Cml Sec, and NBC Ctr, Cml Co, Abn/Hvy Div.</li> <li>5. S2/S3 Sec/NBC Sec/Opns /Plans/Main Cp, Bde. Position coded with ASI 2S.</li> <li>6. Tactical Operations Center, DIVARTY. Position coded with ASI 2S.</li> <li>7. S2/S3 Sec, Per Gp. Position coded with ASI 2S.</li> <li>8. S2/S3 Sec, Finance Group and Command.</li> <li>9. Cml Sec, ADCOM (TA).</li> <li>10. NBC Br, Army Svc Comp Cmd.</li> <li>11. Cml/Fire Spt Cell/Main, Corps.</li> <li>12. Mob &amp; Survey Elm/Tac Cp, Div.</li> <li>13. S2/S3 Sec, DISCOM.</li> <li>14. Plans Intel Br, HHC/MMC DISCOM.</li> <li>15. Ops/Intel Sec, HHC &amp; Spt Trp TAACOM.</li> <li>16. NBC Br, Theater Spt Cmd.</li> <li>17. Regt Cml Sec, Cml Co, ACR. Second position also graded SFC. Position coded with ASI L1.</li> <li>18. NBC Det Hq, SF Gp. Position coded with SQI S and ASI 2S.</li> <li>19. LA/LB/JA/JB Tm, Cml Svc Org.</li> <li>20. Operations Sec, HHC Med Cmd.</li> <li>21. Plans/Operations, HHD, Div Engr Bde and S3, HHC, Engr Bn.</li> </ol>

**Table 10-54B-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
15	CHEMICAL OPS NCO	54B50	MSG												1. S2/S3 Sec, Gp/Regt. 2. NBC Center: a. Cml Co. (Smoke/Decon) b. Cml Co, Hvy Div. 3. Regt Cml Sec, Cml Co, ACR. 4. S2/S3 Sec, Cml Bde. 5. ACofS, Plans/Ops Sec, Engr Cmd. 6. G3 Plans/Ops Sec, Corps Arty. 7. Bde Cml Sec, SIB. 8. NBC Br: a. Theater Signal Cmd. b. Army Signal Cmd. c. Army Svc Comp Cmd. d. HHC COSCOM. e. Theater Spt Cmd. 9. G3, Sec, CA Cmd (TA). 10. Cml Sec, ADCOM (TA). 11. ACofS Scty Plans Ops, Trans Cmd. 12. Ops/Intel Br, HHC & Sp Trp TAACOM. 13. NBC/Fire Spt Cell/Main, LID. 14. Mob/Survey/G3/Main, Inf Div Mech. 15. Bde Cml Sec, Hvy Sep Bde (Armor). 16. Opns Sec/Br, HHC Med Cmd. 17. G3 Sec, HHC MP EPW Cmd. 18. Plans Ops Br, Corps Spt Gp. 19. Plans Ops Br, ASG. 20. Passive Defense Cell, AAMDC.
16	FIRST SERGEANT	54B5M	1SG												Principal NCO in a Chemical Company.
17	OPERATIONS SER-GEANT	54B50	MSG												Principal NCO in S2/S3 Sec, Chemical Battalion.
18	SR NBC STAFF NCO	54B50	SGM												1. NBC Sec, Cml Co Div. 2. Cml Sec, ADCOM (TA). 3. NBC Br: a. Army Svc Comp Cmd. b. HHC COSCOM. c. Theater Spt Cmd. 4. Cml/Fire Spt Cell/Main, Corps. 5. Ops/Intel Br, HHC & Sp Trp TAACOM. 6. NBC/Fire Spt Cell/Main, LID. 7. Mob/Survey Elm/G3/Main, Inf Div Mech.
19	OPERATIONS SER-GEANT	54B50	SGM												S3 Sec, Cml Bde.

**Notes:**

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-54B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	CHEMICAL OPS SP	54B10	PFC	1	1	2	2	3	3	4	4	5	5		1. Grades of additional positions will in same pattern.
2	CHEMICAL OPS SP	54B10	SPC		1	1	2	2	3	3	4	4	5		2. Grading pattern will be used for all positions not specifically identified in any other lines.
<b>Technical Escort (TE)</b>															
3	CHEMICAL OPS SP	54B10	SPC	1	2	2	3	4	4	4	5	6	6		Grades of additional positions will be in same pattern.
4	CHEMICAL OPS NCO	54B20	SGT			1	1	1	2	2	2	2	3		
5	CHEMICAL OPS NCO	54B30	SSG							1	1	1	1		
6	NBC SPECIALIST	54B10	SPC												Single MOS 54B Specialist position at company level.

**Table 10-54B-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
7	NBC NCO	54B2O	SGT												1. Contingency Mgt, USAG Ft Ritchie. 2. Corps Chemical, USAG Ft Hood. 3. Ops & Tng, USA Regional MEDCEN. 4. PTMS&S, USA Medical Acty. 5. Ops & Tng, USA Elm Supreme. 6. Scty/Tng Ofc, USAE Land Central Europe. 7. S2/S3, USAE Allied Force. 8. Natl Elm, Allied Cmd Europe. 9. Ops/Intel, USA Fld Arty Sch. 10. Ptm RCS Div, West Desert Test Ctr (second position also graded Sgt), Chamber Test Fac Br, USA Dugway Proving Grounds. 11. NBC Spt Br, USA Medical Dept. 12. Hq Co and Small Business Office, USA Chemical and Bio APG. Second position also graded Sgt. 13. Ops & Tng/NBC, EUSA Spt Bn. 14. S2/S3 Sec, USAG Alaska.
8	TECHNICAL ESCORT NCO	54B2OJ5	SGT												Materiel Office, USA Technical Escort. Position coded with ASI J5.
9	NBC NCO	54B3O 54B3OJ5	SSG												1. Tng Div, USAG Ft McPherson. 2. S2/S3 Sec, USA Avn Ctr. 3. Hq & Svc Co, Panmunjon. 4. NBC Tng, USAE Forces South. 5. Scty/Tng, USA Elm Land Force. 6. Ops Div, USA Signal Battery. (Theater). 7. Ops Br, USA Technical Escort. Position coded with ASI J5. 8. Operations Test & Evaluation, Ft Hood. 9. Cml Ops Dir, USA Chemical and Bio, APG.
10	HAZARD MATERIAL MGR	54B3OJ5	SSG												Ops Sec, USACAP. Position coded with ASI J5.
11	NBC Safety NCO	54B4O	SFC												USA Safety Center.
12	PLATOON SERGEANT	54B4O 54B4OJ5	SFC												Principal NCO in a Chemical T Plt and Tech Escort Plt (Position coded with ASI J5).
13	OPERATIONS SER-GEANT	54B4O 54B4OJ5	SFC												1. P&O Br, USA Tng Ctr, Ft Jackson. 2. Ops Sec, USACAP. Position coded with ASI J5. 3. Hq Co, USA Chemical and Bio APG.
14	NBC STAFF NCO	54B4O 54B4OJ5	SFC												1. S3 and Simulation Br, SETAF. 2. Plans, CEGE. 3. S2/S3, USASOC. 4. Plans, Ops and Mob Div, MDW. 5. Ofc of the Cdr, USA Depot Acty Pueblo. 6. USA Elm Def Special Weapons Fld Cmd. 7. NBC Br, USA Trans Ctr. 8. Ops Div, Armor Tng Bde. 9. DCSOPS, USA Elm Supreme. 10. Tng Br, USA Elm Joint Cmd. 11. Plans & Ops Br, USA Allied Land Force. 12. S2/S3 Sec, USA Tng Ctr. 13. West Desert Test Ctr, USA Dugway Proving Grounds. 14. S3/Opns Br, USA Technical Escort. Position coded with ASI J5. 15. Tng Integration Div, USA Hq. 16. Chemical Br, USAE Hq Central. 17. Contingency Spt Det, USACHEMSCH. 18. Plans/Ops & Tng Div, USA Chemical Activity. 19. Admin Sec, USASOC.
15	NBC NCO	54B4H	SFC												USAG, USA TNG CTR. Second and third position graded Sgt. All other positions graded per lines 1 and 2.
16	DETACHMENT NCO	54B4OJ5	SFC												Principal NCO in Technical Escort Det. Position coded with ASI J5.

**Table 10-54B-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
17	CHEMICAL OPS NCO	54B5O 54B5OJ5	MSG													1. Tng Div, USASFC (A). 2. S3 Sec, USA Technical Escort. Position coded with ASI J5. 3. Plans Assess & Reg Div, USASOC. Position coded with ASI J5. 4. Contingency Spt Det, USACHEMSCH. 5. DCSCB/AMC Staff, USA Chemical and Bio, APG. 6. Rqmts Div and Det Dir, USA Chemical Research Dev, APG. 7. Nuclear Cml Div, USAPAC. 8. NBC Br, USAE North American AEROS.
18	FIRST SERGEANT	54B5M 54B5MJ5	1SG													Principal NCO in: a. Technical Escort Unit. Position coded with ASI J5. b. Cml Co, Cml Bn, USACMLS, USACAP.
19	OPERATIONS SER- GEANT	54B5O	MSG													Dir of Plans & Com AT, USA Pine Bluff Arsenal.
20	SR NBC STAFF NCO	54B5O	SGM													1. Ofc of the Cdr, USA Pine Bluff Arsenal and USA Dugway Proving Grounds. 2. Tng Spt Br, FORSCOM.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-55B-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts 72 pounds 4 feet and carries 10 feet.
2	1, 2, 3, 4, 5	2. Frequently climbs 10 feet and pushes and pulls 120 pounds 3 feet.
3	2, 3, 4	3. Frequently stands for 2 hours duration.
4	3, 4, 5	4. Must possess finger dexterity in both hands. 5. Occasionally climbs 30 feet.

**Table 10-55B-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	AMMUNITION SPE- CIALIST	55B1O	PFC	1	1	1	2	2	3	3	3	3	4			1. Grades of additional positions will be graded in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	AMMUNITION SPE- CIALIST	55B1O	SPC		1	2	2	3	3	3	4	4	4			3. Special Ops Avn (SOA). Use with SQI S. 4. Special Ops Spt Bn (SOSB) use with SQI S.
3	AMMUNITION SER- GEANT	55B2O	SGT							1	1	2	2			
4	AMMO STK CON/AC- CTG SP	55B1O	PFC			1	1	1	2	2	2	3	3			Grades of additional positions will be graded in the same pattern.
5	AMMO STK CON/AC- CTG SP	55B1O	SPC	1	1	1	2	2	2	3	3	3	4			
6	AMMO STK CON/AC- CTG SGT	55B2O	SGT	1	1	1	2	2	2	3	3	3	3			

**Table 10-55B-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
7	ASST SECTION CHIEF	55B2O	SGT	1												1. Grades of additional positions will be graded in the same pattern.
8	SECTION CHIEF	55B3O	SSG	1	1											2. Avn Bn, Div Avn Bde, Spt/Avn Sqdn or Service Trp. 3. Spt Bn, S&T Trp/Co/Bn or Inf Div. 4. Avn/Air Recon Sqdn and Avn Ser Trp. 5. Ord Co/Ord Msl Mat Co or S&S Co. 6. Fwd Spt Co/Bn or Hel/Attack Bn. 7. Ammo Sec, Sup/Ord Plt or Branch. 8. Sup Det or Base Spt Co. 9. Ord Gp. 10. QM Sup Co or Hq & Sup Co.
9	AMMO INSP ASSIST-ANT	55B2O	SGT			1	1	2	3							1. Grades of additional positions will be graded in the same pattern.
10	AMMO INSPECTOR	55B3O	SSG	1	1	1	2	2	2							2. Ord Co or Ord Bn. 3. Spt Bn/Sqdn or Main Spt Co.
11	AMMO SENIOR INSP	55B4O	SFC	1	1	1	1	1	1							4. AASLT, Abn, or Div. 5. ACR, Bde, Corps or TA. 6. QM Sup Co or Airdrop Det/Co. 7. COSCOM/SUPCOM/DISCOM or TAACOM. 8. WPNS Spt Co or Ammo Sup Det. 9. Corps Spt Gp/Org Gp or Ord Plt (Ammo). 10. MOD Ammo Ord or Trans Bn/Comp Gp. 11. Materiel/Spt Center.
12	AMMO INSP	55B3O	SSG	1	2	2										1. Grades of additional positions will be graded in the same pattern.
13	AMMO SENIOR INSP	55B4O	SFC		1											2. Fld Svc Det of AASLT Hel Bn (UH-60). 3. CI V/Mun Div (Fwd), MMC COSCOM Split-Ops.
14	VEHICLE DRIVER	55B1O	PFC													
15	AMMUNITION SER-GEANT	55B2O	SGT													1. COSCOM. 2. Engr Bn, Avn Bn or AASLT Div. 3. Sqdn AASLT ACR/Cav. 4. Ord Co, Ord Bn, Hel Bn or Spt Bn. 5. Corps, Ser Co or SF Gp. 6. Ammo Br in HHC of Fld Depot. 7. Mun Sup Sec of Tng Mun Sup. 8. Tng Mun Sup of Tng Mun-POL Sup. ABN positions identified with SQI P.
16	AMMO STK CON/AC-CTG SGT	55B2O	SGT													1. S4 Sec, TASOC. 2. S3 Sec, Spec Ops Avn (SOA) Regt. Use with SQI S. 3. FWD Spt Co (AR)/(MX). 4. MMC, TA or TAACOM. 5. CSS Auto Mgt Ofc, Area Spt Gp. 6. S3 Sec, AASLT Hel Bn.
17	AMMO SUPPLY ADV	55B2O	SGT													1. Ord Bn or TA. 2. COSCOM and TAACOM. 3. Sup Br, and Sup and Svc Br in HHC of Area Spt Gp. 4. Tm BB, Ammo Sup, Det Ammo Sup. 5. Cml Ammo Div in USA Cml Acty USARP.
18	AMMO TECHNICAL ADV	55B2O	SGT													1. Surv Div in MMC of TA. 2. Mat Sec in HHD of Ord Bn (Ammo)(WHNS). 3. TI Wpns/Mun TM.
19	AMMO MAINTENANCE NCO	55B2O	SGT													1. Ord Co/Bn or TAACOM. 2. Sup Br or COSCOM. 3. MMC and Spt Ctr TA. 4. Mnt Br, Gp or TA.
20	AMMO SUPPLY SGT	55B3O	SSG													1. DISCOM, AASLT, Abn and Div. 2. Bn, Sqdn, or Bde. 3. COSCOM, TAACOM or Corps and Gp. 4. Ord Co or WHNS and TA. 5. Tng Mun Sup/Mun Sup Br of Tng Mun-POL Sup. 6. Army Svc Cmd, FSC SOSB. 7. Log Plans and Prog Div, G4, Army Hq. 8. Subsequent positions graded SSG.
21	AMMO SUPPLY SGT	55B3O	SSG													1. DISCOM or Div and Corps. 2. Ord Gp or TA. 3. Subsequent positions also graded SSG.

**Table 10-55B-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
22	AMMO LOGISTICS SGT	55B4O	SFC												1. Spt Bn, Abn Bn, Bde or Inf Div. 2. Spt Sqdn, Ord Gp and/or TAACOM. 3. COSCOM and MMC TA. 4. Abn positions identified with SQI P.
23	AMMO SENIOR INSP	55B4O	SFC												Ammo and Cargo Surveillance Br of HHC Trans Tml Bn. Subsequent position graded SSG.
24	OPERATIONS SER-GEANT	55B4O	SFC												1. Ops and Intel Sec of Ord Det Host Nation Spt Tm AO. 2. HHD Ord Bn (Ammo). 3. HHC TAACOM Ops Intel Br or HHC TSC, Ops Br.
25	PLATOON SERGEANT	55B4O	SFC												Principal NCO in Ammo Area Storage/Plt Hq.
26	DETACHMENT SER-GEANT	55B4O	SFC												Principal NCO in Ammo Det with 75 or less soldiers.
27	CHIEF AMMO NCO	55B4O	SFC												1. Ord Bn/Bde or DISCOM. 2. Spt Cmd or Spt Gp. 3. COSCOM, Sup Gp or TA.
28	OPERATIONS SGT	55B5O	MSG												1. Ord Bde, DISCOM or Ord Gp. 2. COSCOM or TAACOM. 3. Sup & Svc Bn, Spt Bn or, Corps. 4. TA. 5. Second position also graded MSG.
29	FIRST SERGEANT	55B5M	1SG												Principal NCO in Ammunition Company with 75 or more soldiers.
30	OPERATIONS SER-GEANT	55B5O	SGM												1. Ord Bde or Ord Gp. 2. COSCOM.
31	CHIEF AMMUNITION NCO	55B5O	SGM												COSCOM or TAACOM.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-55B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	AMMUNITION SPECIALIST	55B1O	PFC	1	1	1	2	2	3	3	3	3	4		Grades of additional positions will be graded in same pattern.
2	AMMUNITION SPECIALIST	55B1O	SPC		1	2	2	3	3	3	4	4	4		
3	AMMUNITION SERGEANT	55B2O	SGT							1	1	2	2		
4	AMMO STK CON/AC-CTG SP	55B1O	PFC				1	1	1	2	2	2	3	3	Grades of additional positions will be graded in the same pattern.
5	AMMO STK CON/AC-CTG SP	55B1O	SPC		1	1	1	2	2	2	3	3	3	4	
6	AMMO STK CON/AC-CTG SGT	55B2O	SGT		1	1	1	2	2	2	3	3	3		
7	ASST SECTION CHIEF	55B2O	SGT		1										Grades of additional positions will be graded in same pattern.
8	SECTION CHIEF	55B3O	SSG		1	1									

**Table 10-55B-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
9	AMMO INSP	55B3O	SSG	1	2	3	3									Grades of additional positions will be graded in the same pattern.
10	AMMO SR INSP	55B4O	SFC				1									
11	VEHICLE DRIVER	55B1O	PFC													
12	AMMUNITION SER-GEANT	55B2O	SGT													1. Mat Sec, Aug, Res Stor Acty, Miesau, Germany. 2. Ammo Spt, U.S. Army Engr Center, Ft Leonard Wood. 3. Ammo Br or Ammo Sec, USAG, Ft Richardson, AK. 4. Unit Tng Sec, USAG, Ft Carson. Second and third positions graded per lines 1 thru 3. 5. All positions not specifically identified use lines 1 thru 3.
13	AMMO STK CON/AC-CTG SGT	55B2O	SGT													Ammo Div of USA Equip Eval Acty, Pentagon.
14	AMMO TECHNICAL ADV	55B2O	SGT													1. Ammo Spt Br, Yuma Prov Grd. 2. Mun Opns Br, U.S. Army Pacific Acty, Ft Shafter. 3. U.S. Army Chemical Acty, Pacific, Johnston Atoll.
15	AMMO SUPPLY SGT	55B3O	SSG													1. Spt Div 1 and 2, Exercise Spt Acty, Pentagon. 2. Trans Br of U.S. Army Depot, Savannah. 3. Tng Spt Br of USAG, Ft Lewis. 4. Ammo Sec of USAFAS. 5. Ammo Sup Br in Tng Cp of U.S. AARMC. 6. Fwd Area Spt Cmd Elm of Area Spt Gp.
16	AMMO SR INSP	55B4O	SFC													1. Principal Ammo Inspector in: a. U.S. Army Chem Acty Pacific, Johnston Is. b. Sup Sec, USA Forces Central Cmd, Kuwait. c. PTA ASP Storage or Survl Sec, USAG, Hawaii. d. Ammo Br, USAG, Ft Riley. e. Spt Div NR 1 and 2, U.S. Army Exercise Spt Agency, Pentagon. f. War Res Stock-THAI Br, U.S. Army Elm U.S. Pacific Cmd Special Acty, Japan. g. Ammo Sup Br, U.S. Army Inf Center, Ft Benning (second and third position graded SSG). h. CSSD-OD, 6th USA Res Component Spt Gp, CA. 2. All positions not specifically identified use lines 9 thru 10.
17	AMMO LOGISTICS SGT	55B4O	SFC													Ammo Spt Tm, USA Industrial Ops Cmd, Rock Island Arsenal.
18	TRAINING AMMO MGMT NCO	55B4O	SFC													HHC of Ord Bn, USAOMMCS.
19	PLATOON SERGEANT	55B4O	SFC													Ammo Plt Hq Sec in HHC of Sup Co, USAIS.
20	CHIEF AMMO NCO	55B4O	SFC													1. Ammo Sec, Infantry Aug. 2. Ammo Spt Tm, U.S. Army Industrial Ops Cmd. 3. Res Sup Cmd, FTS. 4. USA Gen Spt Ct. 5. Sup Div, Ex Sup Div, Pentagon.
21	OPERATIONS SGT	55B5O	MSG													1. Tng Div, USAG, Ft Huachuca. 2. Surety Division, USA, HHC, SETAF. 3. Ammunition-PAC, USAG Panama. 4. Conv Ammo Dept and Spec Ammo Dept, Ord Bn, ORDDMMCS. 5. Troop Cmd, USA Depot Seneca. 6. Maint Section, USA AMCCOM. 7. Ordnance Branch, PERSCOM.
22	FIRST SERGEANT	55B5M	1SG													Principal NCO in a company.
23	CHIEF AMMUNITION NCO	55B5O	SGM													1. Ammo Spt and Maint Div, Rock Island, IL. 2. Munitions Systems Manager, USA ORDDMMCS. 3. Dir Ammo Opns, USA Ammo Depot McAlister.

Notes:

- \*Blank spaces in this column indicate not applicable.
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- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-55D-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Frequently climbs 10 feet while carrying 95 pounds.
2	1, 2, 3, 4, 5, 6	2. Frequently lifts 95 pounds and carries 100 meters.
3	1, 2, 3, 4, 5, 6	3. Frequently digs, lifts, and shovels 25 pounds scoops of dirt to a depth of 3 feet while bending, stooping, or kneeling.
4	1, 4, 5, 6	4. Must possess normal color vision.
5	1, 4, 5, 6	5. Must possess finger dexterity in both hands. 6. Must be able to hear normal voice communication at a distance of 25 feet.

**Table 10-55D-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	EOD SPECIALIST	55D1O	PFC							1						1. EOD Response Tm, EOD Det. 2. Ops Sec, EOD Con Tm. 3. Aug EOD Response Tm.
2	EOD SPECIALIST	55D1O	SPC			1	1	1	1							
3	EOD SERGEANT	55D2O	SGT	1	1	1	2	2	2							
4	TEAM LEADER	55D3O	SSG		1	1	1	2	2							
5	EOD SPECIALIST	55D1O	PFC							1						Response Sec/Plt, Ord Co, EOD. All positions graded SGT. cumulative in paragraph except Plt Sgt. See line 14.
6	EOD SPECIALIST	55D1O	SPC			1	1	1								
7	EOD SERGEANT	55D2O	SGT		1	1	1	1								
8	TEAM LEADER	55D3O	SSG	1	1	1	2	2								
9	EOD SPECIALIST	55D1O	PFC				1	1	1	1	1	1				Response Sec/Tm, Ord Co (EOD) (CONUS Spt). All positions graded cumulative in paragraph.
10	EOD SPECIALIST	55D1O	SPC			1	1	1	1	1	2	1				
11	EOD SERGEANT	55D2O	SGT	1	1	1	1	1	2	2	2	2				
12	TEAM LEADER	55D3O	SSG	1	1	1	2	2	3	3	5					
13	EOD LIASION NCO	55D3O	SSG													1. Base Def/ADC Sec, Corps RAOC. 2. HHD, Ord Bn, EOD.
14	PLATOON SERGEANT	55D4O	SFC													Principal NCO in a Platoon.
15	SECTION SERGEANT	55D4O	SFC													Response Sec, Ord Co EOD.
16	EOD LIAISON NCO	55D4O	SFC													1. Liaison Sec, EOD Con Tm. 2. HHD, Ord Bn, EOD. 3. Liaison Sec, Ord Gp.
17	OPERATIONS SER-GEANT	55D4O 55D4O2S	SFC													1. Ops Sec, EOD Det Hq. 2. Ops Sec, EOD Con Tm. 3. Ops Sec, EOD Co (CONUS Spt). 4. S2/S3 Sec, Ord Grp. 5. S2/S3, HHD Ord Bn (EOD). 6. Hq, Ord Co. EOD.
18	DETACHMENT SER-GEANT	55D5O	MSG													Principal NCO in Det Hq with 75 or less soldiers.
19	FIRST SERGEANT	55D5M	1SG													Principal NCO in a Company.
20	OPERATIONS SER-GEANT	55D5O 55D5O2S	MSG													1. Hq Sec, EOD Con Tm. 2. S2/S3 Sec, HHD Ord Bn (EOD). 3. S2/S3 Sec, Ord Gp.
21	EOD LIAISON NCO	55D5O	SGM													Liaison Sec, Ord Gp.
22	SR EOD SERGEANT	55D5O	SGM													Hq Sec, EOD Control Team.
23	OPERATIONS SER-GEANT	55D5O2S	SGM													S2/S3 Sec, Ord Gp.

Notes:

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**Table 10-55D-3**  
**Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	EOD SPECIALIST	55D1O	PFC	1	1	1	1	1	1							1. EOD Sec, 1st USA Spt, Sinai.
2	EOD SPECIALIST	55D1O	SPC					1	1							2. Rng Spt Br, WSMR. 3. EOD Plt.
3	EOD SERGEANT	55D2O	SGT			1	1	1	1							a. DPG Escort Div. b. USA Tech Escort Unit.
4	TEAM LEADER	55D3O	SSG	1	1	2	2	3								
5	EOD SERGEANT	55D2O	SGT	1	2											EOD Div, USAARDEC.
6	TEAM LEADER	55D3O	SSG	1	1	1										
7	VIP COORDINATOR	55D3O	SSG	1	2											USA EOD VIPSA, Ft McPherson.
8	SR VIP COORDINATOR	55D4O	SFC	1	1	1										
	OBSERVER/CONTROLLER	55D3O	SSG	1	1											EOD Trng Dept, USAOMMCS.
10	OBSERVER/CONTROLLER	55D4O	SFC	1												
11	EOD NCO	55D3O	SSG													1. USA Tech Det, AMCCOM, R.I. Arsenal. 2. EOD Div, USAARDEC.
12	EVALUATOR	55D3O	SSG													A&O Div, Msl-Mun-Ctr-Sch, RSA. Second position also graded SSG.
13	TEAM LEADER	55D3O	SSG													191st Bn EOD Aug, Miesau, GE. Second position also graded SSG.
14	PLATOON SERGEANT	55D4O 55D4OJ5	SFC													EOD Plt. Use with ASI J5 as appropriate.
15	SR EOD NCO	55D4O	SFC													USA CASCOM Fix Br, Ft Lee.
16	EOD SUPERVISOR	55D4O 55D4OJ5	SFC													1. DPG Escort Div, USA Tech Escort Unit, APG. Use with ASI J5. 2. EOD Sec, 1st USA Spt, Sinai. 3. EOD Div and EOD TEC, USAARDEC, NJ.
17	EOD LIAISON NCO	55D4O	SFC													1. Defense Intel Agcy, Pentagon. 2. EOD Div, USAARDEC. 3. Ord Grp (EOD) Augmentation
18	EOD SECTION NCO	55D4O	SFC													EOD Div, USAARDEC. Second Position graded SSG.
19	PLANS NCO	55D4OJ5	SFC													Plans & Tng Br, USA Tech Escort Unit, APG.
20	EVALUATOR NCO	55D4OJ5	SFC													Plans & Tng Br, USA Tech Escort Unit, APG.
21	CAREER MGT NCO	55D4O	SFC													A&O Div, Msl-Mun-Ctr-Sch, RSA.
22	OPERATIONS SERGEANT	55D4O 55D4OJ5 55D4O2S	SFC													1. EOD LNO, FORSCOM. 2. 191st Bn EOD Aug, Miesau AM, GE. 3. WSMR Spt Br, WSMR. 4. JTF Special Staff, Cp Smith. 5. USA EOD VIPSA, Ft McPherson. 6. Tech Escort Unit, APG. Use with ASI J5. a. Hq & Hq Det. b. Ops Br. Second position also graded SFC. 7. Defense Intel Agcy, Pentagon. 8. Ord Grp (EOD) Augmentation.
23	EQUAL OP ADV	55D4O	SFC													Ord Grp (EOD) Augmentation.
24	EOD STAFF NCO	55D5O 55D5OJ5	MSG													1. EOD Div, USAARDEC, NJ. 2. Msl-Mun-Ctr-Sch, RSA. 3. EOD Tng Dept.
25	EOD ADVISOR	55D5O	MSG													Scty Br, Ofc, PM Sang Mod, Riyadh.
26	SR OBSERVER/CONTROLLER	55D5O	MSG													EOD Trng Dept, USAOMMCS.
27	LIAISON SGT	55D5O	MSG													Ord Grp (EOD) Augmentation.

**Table 10-55D-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
28	OPERATIONS SGT	55D5O2S	MSG												1. Ord Grp (EOD) Augmentation. 2. USA EOD VIPSA, Ft McPerson. 3. EOD LNO, FORSCOM. 4. Ofc of Cmd, USA Tech Escort.
29	LIAISON SGM	55D5O	SGM												Ord Grp (EOD) Augmentation.
30	DETACHMENT SGM	55D5O	SGM												EOD Tng Det #2, Eglin AFB.
31	SR EOD SERGEANT	55D5O	SGM												EODTD, Msl-Mun-Ctr-Sch, RSA.
32	EOD SGM	55D5O	SGM												191st Bn EOD Aug, Miesau AM, GE.

Notes:

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**Table 10-57E-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts 350 pounds 10 inches and carries 50 feet as part of a 4 soldier team (prorated 88 pounds).
2	1, 2, 3, 4, 5	2. Occasionally lifts 70 pounds 4 feet and carries 50 feet.
3	1, 2, 3, 4, 5	3. Frequently pushes and pulls 70 pounds 3 feet.
4	6, 7	4. Occasionally lifts 35 pounds and climbs 3 feet.
5	6, 7	5. Frequently digs, lifts, and shovels 21 pounds scoops of dirt for a distance of 183 feet while bending, stooping, and kneeling. 6. Must possess finger dexterity in both hands. 7. Frequently inspects equipment visually.

**Table 10-57E-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<b>Laundry</b>														
1	LAUNDRY SPEC	57E1O	PFC	1	1	2	2	2	3	3	4	4	1. Grades of additional positions will be in same pattern. 2. SGT position may be titled Team chief when more than two positions authorized. 3. Single positions will be graded PFC except as noted below. 4. S&S Div, Hosp. Positions graded per 8 hour Shift.	
2	LAUNDRY SPEC	57E1O	SPC			1	1	2	2	2	3	3		
3	LAUNDRY NCO TEAM CHIEF	57E2O	SGT	1	1	1	1	1	2	2	2	2		
<b>Clothing exchange and shower</b>														
4	SHOWER SPEC	57E1O	PFC			1	1	2	3	3	3	4	1. Grades of additional positions will be in same pattern. 2. SGT position may be titled Team chief when more than two positions authorized.	
5	SHOWER SPEC	57E1O	SPC			1	1	2	2	2	2	3		
6	SHOWER NCO TEAM CHIEF	57E2O	SGT	1	1	1	1	1	1	2	2	2		
7	VEHICLE DRIVER	57E1O	PFC											
8	LAUNDRY/SHOWER NCO	57E2O	SGT											1. Spt Opns Sec, Force Provider Co. 2. Clothing & Shower Sec, Co E, Spt Bn.
9	SECTION CHIEF	57E3O	SSG											Supv of 13 or more subordinate soldiers in the laundry sec of a fld svc co.

**Table 10-57E-2  
Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
10 LAUNDRY NCO	57E3O	SSG												1. Supv of 12 or more soldiers performing laundry duties in a Sup Svc Co. 2. Laundry Sec, HHD Surgical Hosp and CSH Surgical Hosp. 3. Laundry and Opns Sec, QM Laundry & Renov Co. 4. Laundry & Shower Sec, QM Force Provider. 5. Sup, Trans & Svc Br, HHD, MSB (Hvy). 6. Sup & Svc Br, HHC, CSB/CSG/ASG. 7. Trp Spt Br and Svc Sec, HHC COSCOM. Second position also graded SSG. 8. Trans & Svc Bn, Spt Bn (SIB). 9. Laundry Sec, QM Fld Svc Co (DS). One per eight hour shift.
11 LAUNDRY/SHOWER NCO	57E3O	SSG												1. Sup & Svc Div, Hosp Unit (CSH) and Base. 2. Trp Spt Br, HHC COSCOM.
12 LAUNDRY NCO	57E4O	SFC												1. Log Ops Br, QM S&S Bn. 2. S&S Br, HHD, CSB/ASB. 3. ACoS Svc Sec, HHC & Sp Trp, TAACOM. 4. Fld Svc Dir, Theater Spt Cmd.
13 PLATOON SERGEANT	57E4O	SFC												Principal NCO of a platoon.
14 FIRST SERGEANT	57E5M	1SG												1. Principal NCO in a fld svc co. 2. Principal NCO of a company with more than 75 soldiers.

Notes:

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- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-57E-3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
<b>Laundry</b>														
1 LAUNDRY SPEC	57E1O	PFC		1	1	2	2							Grades of additional positions will be in same pattern.
2 LAUNDRY SPEC	57E1O	SPC			1	1	2							
3 LAUNDRY NCO	57E2O	SGT	1	1	1	1	1							
<b>Clothing exchange and shower</b>														
4 SHOWER SPEC	57E1O	PFC			1	1	2							Grades of additional positions will be in same pattern.
5 SHOWER SPEC	57E1O	SPC			1	1	2	2						
6 SHOWER NCO	57E2O	SGT	1	1	1	1	1							
7 LAUNDRY/SHOWER NCO	57E3O	SSG												Mortuary, USAG Ft Carson.
8 PLATOON SERGEANT	57E4O	SFC												Principal NCO of a platoon.
9 FIRST SERGEANT	57E5M	1SG												Principal NCO in a company with more than 75 soldiers.
10 SR FLD SVC SUP	57E5O	SGM												ADFSD, USA QMC&S.

Notes:

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- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-62B-1**  
**Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8	1. Occasionally lifts 200 pounds and carries 2 feet as part of a 2 soldier team (prorated 100 pounds).
2	1, 2, 3, 4, 5, 6, 7, 8	2. Frequently carries and lifts 75 pounds.
3	4, 5, 6, 7, 8	3. Occasionally lift/lower, push, and pull 150 feet/pounds.
4	4, 5, 6, 7, 8	4. Must possess normal color vision. 5. Frequently reads maps. 6. Must possess finger dexterity in both hands. 7. Must not be allergic to diesel or gasoline. 8. Must not possess a fear of heights.

**Table 10-62B-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	CONSTR EQUIP REP	62B1O	PFC		1	2	2	2	2	3	3	3		Grades of additional positions will be in same pattern.
2	CONSTR EQUIP REP	62B1O	SPC	1	1	1	1	1	2	2	2	3	3	
3	CONSTR EQUIP REP	62B2O	SGT		1	1	1	1	1	2	2	2	3	
4	SR CONSTR EQUIP REP	62B3O	SSG					1	1	1	1	1	1	
5	CONSTR EQUIP REP	62B2O	SGT											Single position in a well drilling team.
6	TECHNICAL INSPECTOR	62B3O	SSG											1. When duties require equipment inspection or QA/QC control. 2. Subsequent positions also graded SSG.
7	CONSTR EQUIP MAINT SGT	62B3O	SSG											1. G4 Sec. 2. Dir/Mat, HHC Spt Gp. 3. Hvy Equip Maint Br, USMCA, Europe. 4. Autmv/Mech Equip Br, HHC LG Cmd. 5. Grd Maint Br (Fwd), MMC Split-Ops, COSCOM.
8	CONSTR EQUIP SGT	62B3O	SSG											Org Maint Sec, USA Engr Fac Acty.
9	CONSTR EQUIPMENT SUP	62B4O	SFC											1. Supervision of 10 or more Constr Equip Maint Repr's and associated MOSs in a Maint Sec of Engr Co or Engr Bn. 2. Autmv, Autmv Maint, ConstrMHE Parts/Maint and Gnd Spt Maint Br in HHC/MMC of TAACOM. 3. Autmv Mat, Trp Spt Mat, Autmv Maint, and Commodity/Mat Br in HHC/MMC of COSCOM. 4. Maint Br and Dir/Mat in HHC of Corps Area Spt Gp. 5. Mat Ops Sec in Hq of Ord Maint Co, AASLT, Abn, and LID; and Maint Ops Sec in HHC of Ord Maint Bn. 6. Gnd Spt Equip Rep and Engr Equip Rep Sec in Hq of Ord Maint Co. 7. Constr Equip Rep Sec of Ord Constr Equip Plt. 8. MTO/Equip Maint Br in HHC of Trans Bn; or S4 Sec in HHC of Trans Terminal Gp. 9. Autmv and Gnd Spt Equip Br or Div in HHC/MMC.
10	ENGR EQUIP MAINT NCO	62B4O	SFC											1. G4 Sec in HHC of Corps. 2. ACofS Mat and Maint Sec in HHC of Engr Cmd. 3. Tech Maint Sec in HHC of Engr Topo Bn. 4. Grd Maint Br Rear, MMC Split-Ops COSCOM.
11	PLATOON SERGEANT	62B4O	SFC											Principal NCO of Spt Maint, Equip/Maint, Maint Spt and Svc Plt Hq Sec of Engr Co; or Ord Constr Equip Rep Plt Hq Sec and Gnd Spt Equip Plt Hq for CSS.

Notes:

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- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-62B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	CONSTR EQUIP REP	62B1O	PFC		1	2	2	2	2	3	3	3	Grades of additional positions will be in same pattern.			
2	CONSTR EQUIP REP	62B1O	SPC	1	1	1	1	1	2	2	2	3	3			
3	CONSTR EQUIP REP	62B2O	SGT		1	1	1	1	1	2	2	2	3			
4	SR CONSTR EQUIP REP	62B3O	SSG					1	1	1	1	1	1			
5	CONSTR EQ MAINT ASST	62B3O	SSG		1											Anacostia Pwr Br of DoD Agcy.
6	CONSTR EQUIP MAINT SUPV	62B4O	SFC	1	1											
7	CONSTR EQUIP REP	62B2O	SGT											Single position in Maint Sec in USA Elm of ALFSEE.		
8	TECHNICAL INSPECTOR	62B3O	SSG											1. When duties require equipment inspection or QA/QC control. 2. Subsequent positions also graded SSG.		
9	CONSTR EQUIP MAINT SGT	62B3O	SSG											1. S4 Sec of Tng Bde ATC. 2. Tac Sec of CECOM, and Rsch and Dev Ctr of AMC.		
10	CONSTR EQUIP SGT	62B3O	SSG											1. DOL, Svc USAG. 2. Mat and Mech Equip Div of Rsch and Dev Engr Ctr.		
11	ENGR CMDTY MGR	62B3O	SSG											Prod Con Sec in HHC of CEGE.		
12	ENGINEER EQUIP NCO	62B3O	SSG											Org Maint Sec of MILCOM-USAREUR.		
13	CONSTR EQ MAINT SUPV	62B4O	SFC											1. Sup Sec in Svc, and S4 Sec of USAG. 2. Maint Div and Org Maint Sec of USA Fac Engr Acty. 3. Maint Sec in Tng Bde of ATC. 4. Equip Svc Br in BASOPS of USA ADA Range Ctr.		
14	ENGR EQUIP MAINT NCO	62B4O	SFC											Comm Mgt Div, MATO and Maint Sec of CEGE.		

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-62E-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	1. Occasionally lifts, carries, and lowers 132 pounds.
2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	2. Occasionally pushes and pulls a wrench 24 inches. 3. Must possess good reflex actions. 4. Must possess hand and arm dexterity. 5. Frequently stands or sits for prolonged periods of time. 6. Frequently climbs on and off equipment. 7. Frequently works in sandy and dusty areas. 8. Must possess red/green color discrimination. 9. Must possess normal depth perception. 10. Must be able to work outdoors in all environmental and weather conditions.

**Table 10-62E-2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	M1 TANK AUTO MECH RECOVERY VEH OPER	63E1O 63E1OH8 63E1OK4	PFC		1	1	2	2	2	3	3	4	4	1. Grades of additional positions will be in same pattern. 2. All recovery operator positions will be further identified with ASI H8. 3. Units equipped with M1A2 Abrams tank. Use with ASI K4.
2	M1 TANK AUTO MECH RECOVERY VEH OPER	63E1O 63E1OH8 63E1OK4	SPC		1	1	1	1	2	2	2	3	3	4 Grading pattern will be applied cumulatively to all positions within the same paragraph.
3	M1 TANK AUTO MECH RECOVERY VEH OPER	63E2O 63E2OH8 63E2OK4	SGT			1	1	1	2	2	2	2	2	
4	RECOVERY VEH OPR	63E1OH8	SPC		1									Use with full-tracked recovery vehicle.
5	RECOVERY VEH OPR	63E2OH8	SGT		1	1								
6	RECOVERY VEH SUPV	63E3O	SSG											Recovery Support Section of battalion and/or squadron for control and to provide technical assistance to two or more recovery vehicle operators and other associated equipment maintenance soldiers.
7	M1 TANK SYS MECH	63E3O 63E3OK4	SSG											1. Company/Troop (except HHT) maintenance section. 2. Bn Maint Plt and/or Maint Tm of Tank Co. 3. Cbt Veh Prts and Maint Br in MMC of TA. 4. Units equipped with M1A2 Abrams tank. Use with ASI K4.
8	M1 TANK MAINT SUPV	63E4O 63E4OK4	SFC											1. Company/Troop maintenance section and as supervisor of tank company maintenance team. Second position see line 7. 2. Units equipped with M1A2 Abrams tank. Use with ASI K4.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-62E-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Const equip opr	62E1O	PFC			1	2	2	2	3	3	3	3	Grades of additional positions will be in same pattern.
2	Const equip opr	62E1O	SPC		1	1	1	2	3	3	4	4	5	
3	Const equip opr	62E2O	SGT		1	1	1	1	1	1	1	2	2	
4	Wheel vehicle driver	62E1O	PFC											

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-62F-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8, 9	1. Frequently lifts and carries 124.5 pounds.
2	1, 2, 3, 4, 5, 6, 7, 8, 9	2. Must possess good reflex actions. 3. Must possess hand and arm dexterity. 4. Frequently stands or sits for prolonged periods of time. 5. Frequently climbs on and off equipment. 6. Frequently works in sandy and dusty areas. 7. Must possess red/green color discrimination. 8. Must possess normal depth perception.

**Table 10-62F-1  
Physical requirements—Continued**

Skill level	Task numbers	Tasks
		9. Must be able to work outdoors in all environmental and weather conditions.

**Table 10-62F-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Vehicle driver	62F1O	PFC	1	2	2	3	3	4	4	5	5	1. Grades of additional positions will be in the same pattern for each shift. 2. Operates trucks 2 1/2 ton or 5 ton capacity. When the number of drivers exceed one per vehicle per operating shift such positions will be authorized in grade PFC. 3. Equip Plt Hq, Engr Port Const Co.	
2	Vehicle driver	62F1O	SPC	1	1	1	2	2	3	3	4	4		5
3	Crane operator	62F1O	PFC		1	2	2	3	3	3			Grades of additional positions will be in same pattern.	
4	Crane operator	62F1O	SPC		1	1	1	2	2	3	4			
5	Crane operator	62F2O	SGT		1	1	1	1	1	1	1	1		

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-62F-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Crane operator	62F1O	PFC		1	2	2	3	3	3			Grades of additional positions will be in same pattern.	
2	Crane operator	62F1O	SPC		1	1	1	2	2	3	4			
3	Crane operator	62F2O	SGT		1	1	1	1	1	1	1	1		

Notes:

<sup>1</sup> \*Blank spaces in this column indicates not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-62G-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11	1. Occasionally lifts and carries 125 pounds.
2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11	2. Frequently lifts and carries 50 pounds.
3	1, 3, 4, 5, 6, 7, 8, 9, 10, 11	3. Must possess good agility and reflex actions. 4. Must possess hand and arm dexterity. 5. Frequently stands or sits for prolonged periods of time. 6. Frequently climbs on and off equipment. 7. Frequently walks and climbs over rough terrain. 8. Frequently works in sandy and dusty areas. 9. Must possess normal color vision. 10. Must possess normal depth perception. 11. Must be able to work outdoors in all environmental and weather conditions.

**Table 10-62G-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	Quarry machine operator	62G1O	PFC		1	1										Grades of additional positions will be in same pattern.
2	Quarry machine operator	62G1O	SPC	1	2	2	2									
3	Quarry machine operator blaster	62G2O	SGT				1									
4	Quarry foreman	62G3O	SSG													Supervision of eight or more personnel involved in quarry operations.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-62G-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	Quarry machine operator	62G1O	PFC		1	1										Grades of additional positions will be in same pattern.
2	Quarry machine operator	62G1O	SPC	1	2	2	2									
3	Quarry machine operator blaster	62G2O	SGT				1									
4	Quarry foreman	62G3O	SSG													Supervision of eight or more personnel involved in quarry operations.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-62H-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	1. Occasionally lifts and carries 125 pounds.
2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	2. Frequently lifts and carries 50 pounds.
3	1, 3, 4, 5, 6, 7, 8, 9, 10	3. Must possess good agility and reflex actions. 4. Must possess hand and arm dexterity. 5. Frequently stands or sits for prolonged periods of time. 6. Frequently climbs on and off equipment. 7. Frequently works in sandy and dusty areas. 8. Must possess red/green color discrimination. 9. Must possess normal depth perception. 10. Must be able to work outdoors in all environmental and weather conditions.

**Table 10-62H-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Heavy vehicle driver	62H1O	SPC	1	2	2	3	3	4	4	4	5	5	1. Asphalt Concrete Sec, Hq & Spt Op, Combat Bn, Hvy. 2. Operates tractors, semitractors and vehicles of more than 5 ton rated capacity. When number of drivers exceeds one per vehicle per operating shift such position will be authorized grade PFC per line 6.
2	Heavy vehicle driver	62H2O	SGT			1	1	2	2	3	4	4	5	
3	Concrete/asphalt eq op	62H1O	PFC			1								Grades of additional positions will be in same pattern.
4	Concrete/asphalt eq op	62H1O	SPC	1	1	1								
5	Concrete/asphalt eq op	62H2O	SGT	1	1									
6	Asst heavy veh driver	62H1O	PFC											
7	Paving operations supv	62H3O	SSG											Supervision of nine or more personnel engaged in concrete or asphalt production/paving operations.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-62H-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Concrete/asphalt eq op	62H1O	PFC			1								Grades of additional positions will be in same pattern.
2	Concrete/asphalt eq op	62H1O	SPC	1	1	1								
3	Concrete/asphalt eq op	62H2O	SGT	1	1									
4	Paving operations supv	62H3O	SSG											Supervision of nine or more personnel engaged in concrete or asphalt production/paving operations.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-62J-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	1. Occasionally lifts and carries 125 pounds.
2	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	2. Frequently lifts and carries 50 pounds. 3. Must possess good reflex actions. 4. Must possess hand and arm dexterity. 5. Frequently stands or sits for prolonged period of time. 6. Frequently climbs on and off equipment. 7. Frequently works in sandy and dusty areas. 8. Must possess red/green color discrimination. 9. Must possess normal depth perception. 10. Must be able to work outdoors in all environmental and weather conditions.

**Table 10-62J-2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Vehicle driver	62J1O	PFC		1	2	2	3	3	4	4	5	5	1. Grades of additional positions will be in the same pattern for each shift.
2	Vehicle driver	62J1O	SPC	1	1	1	2	2	3	3	4	4	5	2. Operates trucks 2 1/2 ton or 5 ton capacity. When the number of drivers exceed one per vehicle per operating shift such positions will be authorized in grade PFC. 3. Transportation Sec, Engr Port Const Co.
3	Gen const equip op	62J1O	PFC		1	1								Grades of additional positions will be in same pattern.
4	Gen const equip op	62J1O	SPC		1	1	1							
5	Gen const equip op	62J2O	SGT			1								
6	Well driller	62J1OC3	PFC			1								Grades of additional positions will be in same pattern.
7	Well driller	62J1OC3	SPC		1	1								
8	Well driller	62J2OC3	SGT		1	1	1							

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-62J-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Gen const equip op	62J1O	PFC			1								Grades of additional positions will be in same pattern.
2	Gen const equip op	62J1O	SPC		1	1	1							
3	Gen const equip op	62J2O	SGT			1	1							
4	Well driller	62J1OC3	PFC			1								Grades of additional positions will be in same pattern.
5	Well driller	62J1OC3	SPC			1	1							
6	Well driller	62J2OC3	SGT		1	1	1							

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-62N-1**  
Physical requirements

Skill level	Task numbers	Tasks
3	1, 2, 3, 4, 5, 6, 7, 8, 9	1. Occasionally lifts and carries 100 pounds.
4	1, 2, 3, 4, 5, 6, 7, 8, 9	2. Occasionally stands for prolonged periods of time. 3. Must possess good agility and reflex actions. 4. Frequently works in sandy and dusty areas. 5. Frequently walks and climbs over rough terrain. 6. Must possess hand and arm dexterity. 7. Must possess red/green color discrimination. 8. Must possess normal depth perception. 9. Must be able to work outdoors in all environmental and weather conditions.

**Table 10-62N-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	CONST EQUIP SUPV	62N30	SSG	1. Const Plt, Engr Co, Lt Equip. 2. Equip Plt, Engr Co, Engr Cbt Bn, Corps Lt and Abn. 3. Equip Sec, Utilities Team.
2	SECTION SERGEANT	62N30 62N3OC3	SSG	1. Principal NCO in Engr Sec utilizing construction equipment. 2. Transportation Sec, Engr Port Const Co. 3. Transportation Sec, Engr Co, Light Equip. 4. Shift supervisor in well drilling team. Use with ASI C3. 5. Dump Truck Sec, HHC Engr Cbt Bn.
3	PLATOON SER-GEANT	62N40	SFC	Principal NCO in Engr Plt utilizing construction equipment.
4	CONST INSPECTOR	62N40	SFC	S3 Section, Hq, Engr Bde, TA and Hq & Spt Co, Engr Cbt Bn (Hvy).
5	CONST EQUIP SUPV	62N40 62N4OC3	SFC	1. Tm LC Quarry Tm. 2. Control and Maint Tm. Use with ASI C3. 3. Tm Hq, Hq, Well Drilling Tm. Use with ASI C3. 4. Well Drilling Tm. Use with ASI C3.
6	OPERATIONS SER-GEANT	62N40	SFC	1. Co Hq, Engr Cbt Spt Equip Co (Engr Bde). 2. Engr Co, Construction Support.

Notes:

<sup>1</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-62N-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	SECTION SERGEANT	62N30	SSG	1. Principal NCO in an Engr Const Sec. 2. Earthmoving Sec, Hq Faculty, Spec Staff, USMA. 3. Co level, FTS.
2	SQUAD LEADER	62N30	SSG	Principal NCO in an Engr Sqd.
3	OPERATIONS SER-GEANT	62N30	SSG	Opns Sec, USA FA Ctr & Ft Sill. Second position also graded SSG.
4	CONST INSPECTOR	62N30	SSG	USA Engr Ctr & School.
5	PLATOON SER-GEANT	62N40	SFC	Principal NCO in an Engr Plt.
6	CONSERVATION NCO	62N40	SFC	Wildlife Sec, USAARMC, Fort Knox. Subsequent positions also graded SSG.
7	CONST OPS SGT	62N40	SFC	1. S4 section: a. 4th Tng Bde, Ft Jackson. b. USA Tng Ctr & Ft Jackson. 2. Bn level FTS.
8	DETACHMENT SER-GEANT	62N40	SFC	

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-63B-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts 230 pounds as part of a 2 soldier team (prorated 115 pounds).
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts 150 6 feet, carries 50 feet and climbs 5 feet as part of a 2 soldier team (prorated 75 lbs).
3	1, 2, 3, 4, 5, 6	3. Must possess normal color vision.
4	3, 4, 5	4. Frequently reads detailed technical manuals.
5	3, 4	5. Must possess finger dexterity in both hands. 6. Frequently lifts 75 pounds and carries 50 feet.

**Table 10-63B-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	LT WH VEH MECHANIC RECOVERY VEH OPER	63B1O 63B1OH8	PFC			1	2	2	3	3	3	4	4	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be applied cumulatively to all positions within the same paragraph.
2	LT WH VEH MECHANIC RECOVERY VEH OPER	63B1O 63B1OH8	SPC	1	1	1	1	2	2	2	3	3	3	
3	LT WH VEH MECHANIC RECOVERY VEH OPER	63B2O 63B2OH8	SGT		1	1	1	1	1	2	2	2	3	
4	SR MECHANIC	63B3O	SSG											1. Sections where a MSG (MOS 63Z) or SFC (MOS 63B) is the principal NCO. 2. Sr Mechanic positions will be substituted for MARC supported SL 1 positions of the predominate MOS in the paragraph. The total number of mechanics in a paragraph will not increase. (One per 5 to 14; two per 15 to 28; and three for 29 or more mechanics (MOS 63B, 63S and 63Y).)
5	MOTOR SGT	63B3O	SSG											Supervision of 2 to 8 soldiers (CMF 63, MOS 77F and MOS 92A).
6	MOTOR SGT	63B4O	SFC											Supervision of 9 to 19 soldiers (CMF 63, MOS 77F and MOS 92A). Supervision of 20 or more soldiers use MOS 63Z, Sr Maint Supv.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-63B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	LT WH VEH MECHANIC RECOVERY VEH OPER	63B1O 63B1OH8	PFC			1	2	2	3	3	3	4	4	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be applied cumulatively to all positions within the same paragraph.
2	LT WH VEH MECHANIC RECOVERY VEH OPER	63B1O 63B1OH8	SPC	1	1	1	1	2	2	2	3	3	3	
3	LT WH VEH MECHANIC RECOVERY VEH OPER	63B2O 63B2OH8	SGT		1	1	1	1	1	2	2	2	3	
4	SR MECHANIC	63B3O	SSG											1. Sections where a MSG (MOS 63Z) or SFC (MOS 63B) is the principal NCO. 2. Sr mechanic positions will be substituted for MARC supported SL 1 positions of the predominate MOS in the paragraph. The total number of mechanics in a paragraph will not increase. One per 5 to 14; two per 15 to 28; and three for 29 or more mechanics (MOS 63B, 63S and 63Y).

**Table 10-63B-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
5	MOTOR SGT	63B3O	SSG												Supervision of 2 to 8 soldiers (CMF 63, MOS 77F and MOS 92A).
6	MOTOR SGT	63B4O	SFC												Supervision of 9 to 19 soldiers (CMF 63, MOS 77F and MOS 92A).

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-63D-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts 411 pounds 4 feet and carries 6 feet as part of a 3 soldier team (prorated 137 pounds).
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts 327 pounds 1 foot (using a hoist) and carries 50 feet as part of a 2 soldier team (prorated 164 pounds).
3	1, 2, 3, 4, 5, 6	3. Must possess normal color vision.
4	3, 4, 5	4. Frequently reads complex schematic diagrams.
5	3, 4	5. Must possess finger dexterity in both hands. 6. Frequently lifts and lowers 70 pounds 3 feet and carries 50 feet.

**Table 10-63D-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	SP FA AUTMV SYS MECH RECOVERY VEH OPER	63D1O 63D1OH8	PFC			1	1	1	2	2	3	3	4	1. Grades of additional positions will be in same pattern. 2. All recovery operator positions will be further identified with ASI H8.
2	SP FA AUTMV SYS MECH RECOVERY VEH OPER	63D1O 63D1OH8	SPC	1	1	1	2	2	2	3	3	4	4	
3	SP FA AUTMV SYS MECH RECOVERY VEH OPER	63D2O 63D2OH8	SGT	1	1	1	2	2	2	2	2	2	2	
4	RECOVERY VEH SUPV	63D3O	SSG											Supervises two or more recovery vehicle operators and other associated equipment maintenance soldiers.
5	SP FA SYS MECH	63D3O	SSG											Btry and Bn Maint Sec; and Firing Btry Maint Sec/Tm.
6	SP FA SYS MAINT SUPV	63D4O	SFC											Btry Hq and as first line supervisor of Firing Btry Maint Sec/Tm.

Notes:

1. \*Blank spaces in this column indicate not applicable.

2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-63D-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	SP FA AUTMV SYS MECH RECOVERY VEH OPER	63D1O 63D1OH8	PFC		1	1	1	2	2	3	3	4	4	1. Grades of additional positions will be in same pattern. 2. All recovery operator positions will be further identified with ASI H8.
2	SP FA AUTMV SYS MECH RECOVERY VEH OPER	63D1O 63D1OH8	SPC	1	1	1	2	2	2	3	3	4	4	
3	SP FA AUTMV SYS MECH RECOVERY VEH OPER	63D2O 63D2OH8	SGT	1	1	1	2	2	2	2	2	2	2	
4	RECOVERY VEH SUPV	63D3O	SSG											Supervises two or more recovery vehicle operators and other associated equipment maintenance soldiers.
5	SP FA SYS MECH	63D3O	SSG											Btry and Bn Maint Sec; and in Firing Btry Maint Sec/Tm.
6	SP FA SYS MAINT SUPV	63D4O	SFC											Btry Hq and as first line supervisor of Firing Btry Maint Sec/Tm.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-63E-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8	1. Occasionally lifts 272 pounds 5 feet and carries 50 feet as part of a 3 soldier team (prorated 91 pounds).
2	1, 2, 3, 4, 5, 6, 7, 8	2. Occasionally lifts 150 pounds 5 feet and carries 50 feet as part of a 2 soldier team (prorated 75 pounds).
3	1, 2, 3, 4, 5, 6, 7, 8	3. Occasionally lifts 200 pounds 2 feet and carries 50 feet as part of a 3 soldier team (prorated 67 pounds).
4	6, 7	4. Occasionally lifts 411 pounds 4 feet and carries 6 feet as part of a 3 soldier team (prorated 137 pounds).
5	6	5. Frequently lifts 70 pounds 3 feet and carries 50 feet. 6. Must possess normal color vision. 7. Frequently reads complex schematic diagrams. 8. Must possess finger dexterity in both hands.

**Table 10-63E-2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	M1 TANK AUTO MECH RECOVERY VEH OPER	63E1O 63E1OH8 63E1OK4	PFC		1	1	2	2	2	3	3	4	4	1. Grades of additional positions will be in same pattern. 2. All recovery operator positions will be further identified with ASI H8. Grading pattern will be applied cumulatively to all positions within the same paragraph. 3. Units equipped with M1A2 ABRAMS tank. Use with ASI K4.
2	M1 TANK AUTO MECH RECOVERY VEH OPER	63E1O 63E1OH8 63E1OK4	SPC	1	1	1	1	2	2	2	3	3	4	
3	M1 TANK AUTO MECH RECOVERY VEH OPER	63E2O 63E2OH8 63E2OK4	SGT		1	1	1	2	2	2	2	2	2	
4	RECOVERY VEH OPR	63E1OH8	SPC	1										Use with full-tracked recovery vehicle.

**Table 10-63E-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
5	RECOVERY VEH OPR	63E2OH8	SGT	1	1											
6	RECOVERY VEH SUPV	63E3O	SSG													Recovery Support Section of battalion and/or squadron for control and to provide technical assistance to two or more recovery vehicle operators and other associated equipment maintenance soldiers.
7	M1 TANK SYS MECH	63E3O	63E3OK4	SSG												1. Company/Troop (except HHT) maintenance section. 2. Bn Maint Plt and/or Maint Tm of Tank Co. 3. Cbt Veh Prts and Maint Br in MMC of TA. 4. Units equipped with M1A2 ABRAMS tank. Use with ASI K4.
8	M1 TANK MAINT SUPV	63E4O 63E4OK4	SFC													1. Company/Troop maintenance section and as supervisor of tank company maintenance team. Second position see line 7. 2. Units equipped with M1A2 ABRAMS tank. Use with ASI K4.

Notes:

1 \*Blank spaces in this column indicate not applicable.

2 When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

3 When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (Listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-63E-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	ABRAMS TANK AUTO MECH RECOVERY VEH OPER	63E1O 63E1OH8	PFC	1	1	2	2	2	3	3	4	4				1. Grades of additional positions will be in same pattern. 2. All recovery operator positions will be further identified with ASI H8.
2	ABRAMS TANK AUTO MECH RECOVERY VEH OPER	63E1O 63E1OH8	SPC	1	1	1	1	2	2	2	3	3	4			3. Grading pattern will be applied cumulatively to all positions within the same paragraph.
3	ABRAMS TANK AUTO MECH RECOVERY VEH OPER	63E2O 63E2OH8	SGT			1	1	1	2	2	2	2	2			
4	RECOVERY VEH OPR	63E1OH8	SPC	1												Use with full-tracked recovery vehicle.
5	RECOVERY VEH OPR	63E2OH8	SGT	1	1											
6	ABRAMS TANK AUTMV MECH	63E2O	SGT													Asst PEO Int'l Log Br or Div of the Acq Exec Spt Acty.
7	RECOVERY VEH SUPV	63E3O	SSG													Recovery Support Section of battalion and/or squadron for control and to provide technical assistance to two or more recovery vehicle operators and other associated equipment maintenance soldiers.
8	ABRAMS TANK SYS MECH	63E3O	SSG													1. Company/Troop (except HHT) maintenance section. 2. Bn Maint Plt and/or Maint Tm of Tank Co.
9	ABRAMS TANK MAINT SUPV	63E4O	SFC													Company/Troop maintenance section and as supervisor of tank company maintenance team. Second position graded per line 8.

Notes:

1. \*Blank spaces in this column indicate not applicable.

2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-63G-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts 100 pounds 3 feet and carries 50 feet.
2	1, 2, 3, 4, 5, 6	2. Frequently lifts 70 pounds 3 feet and carries 50 feet. 3. Occasionally lifts and lowers 220 pounds as part of a 2 soldier team (prorated 110 pounds). 4. Must possess normal color vision. 5. Frequently reads complex schematic diagrams. 6. Must possess finger dexterity in both hands.

**Table 10-63G-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	Fuel and electrical systems repairer	63G1O	PFC		1	1	2	2	3	3	4	4	4	4	Grades of additional positions will be in same pattern.
2	Fuel and electrical systems repairer	63G1O	SPC		1	1	1	1	2	2	3	3	3	4	
3	Fuel and electrical systems repairer	63G2O	SGT			1	1	1	1	1	1	1	2	2	

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-63G-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	Fuel and electrical systems repairer	63G1O	PFC		1	1	2	2	3	3	4	4	4	4	Grades of additional positions will be in same pattern.
2	Fuel and electrical systems repairer	63G1O	SPC		1	1	1	1	2	2	3	3	3	4	
3	Fuel and electrical systems repairer	63G2O	SGT			1	1	1	1	1	1	2	2		

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-63H-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts 400 pounds 4 feet and carries 50 feet as part of a 4 soldier team (prorated 100 pounds).
2	1, 2, 3, 4, 5, 6	2. Frequently lifts 70 pounds 5 feet and carries 50 feet.
3	1, 2, 3, 4, 5, 6	3. Occasionally lifts and lowers 218 pounds as part of a 2 soldier team (prorated 109 pounds).
4	1, 2, 3, 4, 5, 6	4. Must possess normal color vision. 5. Frequently reads complex schematic diagrams. 6. Must possess finger dexterity in both hands.

**Table 10-63H-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	TRACK VEH REP	63H1O	PFC	1	1	2	2	2	2	3	3	3	3	Grades of additional positions will be in same pattern.
2	TRACK VEH REP	63H1O	SPC	1	1	1	2	2	3	3	3	4		
3	TRACK VEH REP	63H2O	SGT	1	1	1	1	2	2	2	3	3		
4	RECOVERY VEH OPR	63H1OH8	SPC	1									1. Grades of additional positions will be in same pattern.	
5	RECOVERY VEH OPR	63H2OH8	SGT	1	1								2. Use with M88 Full Track Recovery Vehicle.	
6	MAINT ANALYST	63H3O	SSG	1	2	2	2	3	3				1. Mobility Intel Plt of Tech Intel MI Co.	
7	MAINT ANALYST	63H4O	SFC	1	1	1	2	3	3	4			2. Plans Br and Log Plans & Policy Br in HHC of TAACOM.	
8	RECOVERY SUPV	63H3O	SSG										Supervision of 4 or more recovery operators in MOS 63H and 63W.	
9	AUTO REP SGT	63H3O	SSG										1. Supervision of 4 to 15 (CMF 63, MOS 77F and MOS 92A). 2. Combat Service Support Automation Management Office (CSSAMO), DISCOM, Corps Support Group (CSG), HHC COSCOM, HHC TAACOM, Area Support Group (AG), and Hq Theater Army (TA). 3. Auto Maint Br and Armt/CVeh Maint Br, MMC COSCOM. 4. Grd Maint Br Rear, MMC, Split-Ops, COSCOM. 5. Maint Sec, Fwd Spt Co, SOSB (Abn). 6. IG Sec, TAACOM.	
10	MECH MAINT SGT	63H3O	SSG										1. Track, wheel, armament, combat automotive, organizational repair float (ORF), mechanical equipment, tactical vehicle, operations, and logistics maintenance support or branch, or CSS auto Mgmt Ofc. 2. Readiness Ops Div and Log Stat Br (Fwd) MMC COSCOM (Split-Ops).	
11	MHE MAINT NCO	63H3O	SSG										Automotive Maintenance Branch for materiel handling equipment (MHE) in HHC of TAACOM.	
12	TECHNICAL INSPECTOR	63H3O	SSG										1. When duties requires Technical inspection of equipment or QA/QC control. 2. Subsequent positions also graded SSG.	
13	OPERATIONS SERGEANT	63H3O	SSG										1. Maint Ops Br in MMC; S2/S3 Sec in HHC of Maint Bn Abn Div. 2. S2/S3 Sec in HHC of Ord Maint Bn; HDD of Maint Bn DS/GS. 3. Ops Ofc, Maint Ops Sec in HHC of Cbt Equip Gp. 4. Spt Ops Sec in HHC of Avn Spt Bn Inf (Mtz) Div; and in HHC of COSCOM.	
14	OPERATIONS SERGEANT	63H4O	SFC										1. Maint Ops Br in HHC of Cbt Equip Gp. 2. Hq Spt Sec in HHC of FA Bn. 3. Spt Ops Br in HHC of Avn Spt Bn Inf (Mtz) Div.	
15	AUTO REP SUPV	63H4O	SFC										Supervision of 16 or more maint/rep soldiers in MOS 63G, 63H or 63W and related support MOS (except in non-divisional maint where a SSG Auto Rep SGT will be utilized).	
16	MAINT PLANS/POLICY NCO	63H4O	SFC										Plans and Policy Br in MMC of SUPCOM, COSCOM and/or TAACOM.	
17	MAINT ANALYST	63H4O	SFC										1. Scty, Plans/Ops Sec, HHC/ST, TAACOM. 2. Tech Intel Section, Ops/Analysis Co, MI Bn. 3. Mobility Intel Plt.	

**Table 10-63H-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
18	MECH MAINT SGT	63H4O	SFC												<ol style="list-style-type: none"> <li>1. Tech Intel Sec in Ops and Analysis Co of MI Bn.</li> <li>2. Maint Ops Sec in HHD of Ord Maint Bn DS/GS.</li> <li>3. Armt-Cbt Veh Br in HHD of Fwd Spt Bn, AASLT, LID, and Hvy Div.</li> <li>4. Spt Ops Sec/Br, in HHD of Fwd Spt Bn Hvy Div; Hq/Spt Co of Fwd Spt Bn. AASLT/LID/Abn/MSB and Avn Spt Bn; Spt Sqdn ACR and Hq &amp; Main Spt Co, SOSB (Abn).</li> <li>5. HHT, Spt Sqdn, ACR; HHC of Spt Gp Corps; and MMC of COSCOM.</li> <li>6. Mat Ofc of HHC, Spt Bn, Hvy Sep Bde (HSB).</li> <li>8. Maint Br in HHD, Area Spt Bn and Corps Spt Bn.</li> <li>9. Trp Spt Mat Br and Armt Cbt Veh Maint Br MMC, COSCOM.</li> <li>10. S4 Sec in HHC of HSB.</li> <li>11. Hq Spt/Log Sec in HHB of FA Bn.</li> <li>12. Log Sec in HHC of Corps Arty.</li> <li>13. Armt/Cbt Veh Br, Spt Sqdn, ACR.</li> <li>14. Fld Tm E/H, O/H, and Mat Br of TAACOM.</li> <li>15. S4 and Maint Ops Sec in HHD CS, USAREUR.</li> <li>16. G4 Sec and ARFOR Staff Sec in EAD.</li> <li>17. Cellular Log Tm LA.</li> <li>18. Grd Maint Br (Fwd/Rear); Mat Mgmt Tm Abn and Mat Mgmt Tm, MMC Split-Ops, COSCOM.</li> <li>19. Maint Br, MSB Hvy Div.</li> </ol>
19	MAINT CONTROL SGT	63H4O	SFC												<p>Principal NCO in:</p> <ol style="list-style-type: none"> <li>a. Maint Con Sec in DS/GS Maint Unit, except TOE 43209L000.</li> <li>b. Ops Con Ofc in Trp Maint Bn of Corps.</li> <li>c. Maint Sec in HHD of Maint Det.</li> <li>d. Dir/Mat Div in HHC of Area Spt Gp.</li> <li>e. Div Spt Ops Ofc in HHC/MMC of SUPCOM Hvy Div.</li> <li>f. Fwd Area Spt Coord Ofc in HHC/MMC of AASLT, Abn and LID.</li> <li>g. Autmv/Gnd Spt Equip Br in HHC/MMC of SUPCOM Abn.</li> <li>h. Mat Mgt Ofc in HHC of Spt Bn SIB and Spt Sqdn, ACR.</li> <li>i. Mat Br in HHD of Maint Spt Bn Hvy Div, Auto GSE Br, Spt Bn, HSB and SIB.</li> <li>j. Plans/Ops Br in HHC of Spt Gp Corps, Int'l Log Br.</li> <li>k. Plans/Procedures Sec/Br, Cbt Veh Sys Ops Br, Armt/Cbt Veh Parts/Maint Br, and GSE/Cml Maint Br in MMC of TA.</li> <li>l. IG Ofc, Trp Spt Br, HHC TAACOM, and Fld Tm E/M in HHC of TAACOM.</li> <li>m. Maint Spt Br in HHC of COSCOM, Main Spt Co, SOSB (Abn).</li> </ol>
20	MAINT MGT NCO	63H4O	SFC												<ol style="list-style-type: none"> <li>1. Bde Mat Mgt Ctr; Mat Sec, HHC, Spt Bn, SIB and SHB.</li> <li>2. Mat Ops Sec, Hq/Maint Spt Co, Maint Bn, LID.</li> <li>3. MMC Ofc, MMC, Fwd Co, COSCOM and TAACOM.</li> <li>4. Armt/CVeh and Autmv/Gd Spt Equip Br, HHC/MMC, SUPCOM, Hvy Div.</li> <li>5. Maint Br, HHC/MMC, SUPCOM, LID.</li> <li>6. Plans/Procedures Sec, Autmv and Common Mat Maint Br, MMC, COSCOM.</li> <li>7. Mat Sec Ofc, HHC, Spt Bn, SIB; Spt Sqdn, ACR.</li> <li>8. Plans/Procedures, Int'l Log, Autmv Parts/Maint, and Cbt Veh Parts/Maint Br, MMC, COSCOM and TAACOM.</li> <li>9. Plans/Policy Sec, Army/CVeh Maint and Auto Maint Br, HHC, TAACOM.</li> <li>10. Autmv/GSE Br, HHC/MMC, ADSCOM.</li> <li>11. Maint Ops and Comm Mgt Div, HHC, Cbt Equip Gp. USAREUR.</li> <li>12. Wheel Veh Rep Sec, Maint Co (Rear) DS.</li> </ol>
21	SECTION CHIEF	63H4O	SFC												<ol style="list-style-type: none"> <li>1. Principal NCO in a Autmv Maint, Component, MechI, Fuel/Elec, Grd Spt, Auto Repair, Armt or Armt/Cbt Veh Maint Rep Sec or Br; Mobile Maint Tm, Preserve/Pack (P/P General) Tm FA, Aug Spt Tm LP, Tank/Autmv Tm FE, Arty Sys Tm, or Maint Sec, Fwd Spt Co, SOSB (Abn) for supervision of repair personnel in this MOS and associated MOS.</li> <li>2. Standard provides for second shift augmentation in Ord Maint/Rep Tm/Plt.</li> </ol>

**Table 10-63H-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
22	COMMODITY MGT NCO	63H4O	SFC													Principal NCO in Prod Con Br in HHC of Cbt Equip Gp.
23	PLATOON SERGEANT	63H4O	SFC													Principal NCO in Ord Maint Spt, Rep, Con, Deprocess Plt Hq Sec of Btry, Co, or Trp.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (Listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-63H-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	TRACK VEH REP	63H1O	PFC	1	1	2	2	2	2	3	3	3				Grades of additional positions will be in same pattern.
2	TRACK VEH REP	63H1O	SPC	1		1	1	2	2	3	3	3	4			
3	TRACK VEH REP	63H2O	SGT	1	1	1	1	2	2	2	3	3				
4	RECOVERY VEH OPR	63H1OH8	SPC	1												1. Grades of additional positions will be in same patter. 2. Use with M88 Full Track Recovery Vehicle.
5	RECOVERY VEH OPR	63H2OH8	SGT	1	1											
6	RECOVERY SUPV	63H3O	SSG													Supervision of 4 or more recovery operators in MOS 63H and 63W.
7	SR FUEL/ELECT SYS REP	63H3O	SSG													Supervision of 4 or more MOS 63G fuel and electrical systems repairers.
8	AUTO REP SGT	63H3O	SSG													Supervision of 4 to 15 (CMF 63, MOS 77F and MOS 92A)..
9	MECH MAINT SGT	63H3O	SSG													Track, wheel, armament, combat automotive, organizational repair float (ORF), mechanical equipment, tactical vehicle, operations, and logistics maintenance support or branch, or in CSS Auto Mgmt Ofc.
10	MHE MAINT NCO	63H3O	SSG													Automotive Maintenance Branch for materiel handling equipment (MHE).
11	TECHNICAL INSPEC- TOR	63H3O	SSG													1. IG Ofc in USAG, Fort Polk. 2. Mtr Sec in Tng Bn/Bde of ATC. 3. Ops and Admin Sec in Hq of OPTEC. 4. SP/Twd Sec in FA of ATC. 5. Wh Veh, Engr ReblD, Cml Stor, Veh QC, and Comp Br of DESCOM. 6. Fld Tm E/H; or in M48/60 Tk, Carrier, Hvy or Med Tac or Coml Br in HHC of TAACOM. 7. QA/QC Sec in Med Unit, Self-Contained Transportable (MUST) of Cbt Equip Gp. MICOM, USAREUR; USAG, Alaska. 8. Subsequent positions also graded SSG.
12	ASST OPERATIONS SGT	63H3O	SSG													Maint Ops Br, CATC, USAREUR.
13	OPERATIONS SER- GEANT	63H3O	SSG													1. Maint Ops Br of CATC, USAREUR. 2. Maint Ops Br in MMC. 3. S2/S3 Sec in Maint Bn of Abn Div. 4. Ops Ofc and Maint Ops Sec in HHC of USA CEGE, USAREUR.
14	OPERATIONS SER- GEANT	63H4O	SFC													1. Cbt Equip Gp, Europe Indust Ops Cmd. 2. Veh Maint Br in MILCOM, Vicenza.
15	FORCE INTEGRATION NCO	63H4O	SFC													Force Mod Ops Br in Hq of TAMMC.
16	MAINT SPT TM CH	63H4O	SFC													Bde FSB of Div, USA NTC.

**Table 10-63H-3**  
Standards of grade TDA—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
17	SPECIAL EQUIP MNT SGT	63H40	SFC												Cml MOP Sec in Hq of AMC.
18	MECH MAINT SUPV	63H40	SFC												CSS Div in Joint Readiness Tng Ctr, USA NTC.
19	AUTO REP SUPV	63H40	SFC												Supervision of 16 or more maint/rep soldiers in MOS 63G, 63H or 63W and related support MOS (except in non-divisional maint unit where a SSG Auto Rep SGT will be utilized).
20	MAINT PLANS/POLICY NCO	63H40	SFC												Plans and Policy Br in Hq of USAR (full time support).
21	MECH MAINT SGT	63H40	SFC												1. Rch and Dev, and Autmv Test Br of Armt Ctr. 2. Maint Div of USA NTC. 3. Prog Br, GS Log Ctr. 4. Equip Br, Spt Co, USAREUR/7A, CATC. 5. Prod Plans Br and CVeh Spt Br, MILCOM, Graf.
22	MAINT CONTROL SGT	63H40	SFC												1. Equip Spt Acty of Tng Cmd. 2. Maint Co and Tech Gp of USAR (Full Time Support). 3. Maint Br, USAG. 4. RD/E Equip, Maint/Pools Br of USAG. 5. Mat Svc Div, Cml Br and Spt Ofc in Hq of OPTEC. 6. Maint Ops Br in Hq of TROSCOM. 7. Ext Eval and Tng Asst Br of Cbt Sys Test Acty.
23	MAINT MGT NCO	63H40	SFC												1. Tank/Auto and/or Log Br in Hq of OPTEC. 2. Enl Career Dev Br in Hq of CASCOM. 3. Veh Br in Hq of USAIOC. 4. Cbt Equip Gp, Europe Indust Ops Cmd.
24	SECTION CHIEF	63H40	SFC												1. Principal NCO in a Autmv Maint, Component, Mechl, Fuel/Elec, Armt or Armt/Cbt Veh Maint Rep Sec or Br; or in a Mobile Maint Tm, Preserve/Pack (P/P General) Tm FA, Aug Spt Tm LP, Tank/Autmv Tm FE, Arty Sys Tm for supervision of repair personnel in this MOS and associated MOS. 2. Standard provides for second shift augmentation in Ord Maint/Rep Tm/Plt.
25	COMMODITY MGT NCO	63H40	SFC												Principal NCO in Prod Con Br in HHC of Cbt Equip Gp, USAREUR.
26	PLATOON SERGEANT	63H40	SFC												Principal NCO in Ord Maint Spt, Rep, Con, Deprocess Plt Hq Sec of Btry, Co, or Trp.
27	DETACHMENT SER-GEANT	63H40	SFC												Principal NCO of a detachment with less than 75 soldiers.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-63J-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts 100 pounds 4 feet and carries 50 feet.
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts and lowers 220 pounds as part of a 2 soldier team (prorated 110 pounds). 3. Must possess normal color vision. 4. Frequently reads complex schematic diagrams. 5. Must possess finger dexterity in both hands. 6. Frequently lifts 70 pounds 4 feet and carries 50 feet.

**Table 10-63J-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Quartermaster/chemical equipment repairer	63J1O	PFC		1	1	2	2	2	3	3	3	4	Grades of additional positions will be in same pattern.
2	Quartermaster/chemical equipment repairer	63J1O	SPC	1		1	1	2	2	2	3	3	3	
3	Quartermaster/chemical equipment repairer	63J2O	SGT		1	1	1	1	2	2	2	3	3	

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-63J-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Quartermaster/chemical equipment repairer	63J1O	PFC		1	1	2	2	2	3	3	3	4	Grades of additional positions will be in same pattern.
2	Quartermaster/chemical equipment repairer	63J1O	SPC	1		1	1	2	2	2	3	3	3	
3	Quartermaster/chemical equipment repairer	63J2O	SGT		1	1	1	1	2	2	2	3	3	

Notes:

<sup>1</sup> \*Blank spaces in this column indicates not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-63N-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7	1. Frequently lifts 70 pounds 3 feet and carries 50 feet.
2	1, 2, 3, 4, 5, 6, 7	2. Occasionally lifts 272 pounds 4 feet and carries 50 feet as part of a 2 soldier team (prorated 136 pounds).
3	1, 2, 3, 4, 5, 6, 7	3. Occasionally lifts 327 pounds 4 feet and carries 50 feet as part of a 3 soldier team (prorated 109 pounds).
4	5, 6, 7	4. Occasionally lifts 411 pounds 4 feet and carries 6 feet as part of a 4 soldier team (prorated 103 pounds).
5	5, 6, 7	5. Must possess normal color vision. 6. Frequently reads complex schematic diagrams. 7. Must possess finger dexterity in both hands.feet.

**Table 10–63N–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	M60A1/A3 tank automot- ive mechanic Recovery veh opr	63N1OH8 63N1OH8	PFC		1	1	2	2	2	3	3	4	4		1. Grades of additional positions will be in same pattern. 2. All recovery operator positions will be further identified with ASI H8.
2	M60A1/A3 tank automot- ive mechanic Recovery veh opr	63N1OH8 63N1OH8	SPC		1	1	1	1	2	2	2	3	3	4	
3	M60A1/A3 tank automot- ive mechanic Recovery veh opr	63N2OH8 63N2OH8	SGT			1	1	1	2	2	2	2	2		
4	Recovery veh opr	63N1OH8	SPC		1										Use with M88 Full Tracked Recovery Vehicle. (LIN # R50681.)
5	Recovery veh opr	63N2OH8	SGT		1	1									
6	Recovery supervisor	63N3O	SSG												1. Control and to provide technical assistance to two or more recovery vehicle operators, and other maintenance personnel, in recovery support section of battalion maintenance platoon. 2. Use of ASI H8 not authorized with grade SSG.
7	M60A1/A3 tank systems mechanic	63N3O	SSG												Co or Trp (except HHC/HHT) maintenance section in addition to SFC in line 8. Also in tank company maintenance teams.
8	M60A1/A3 tank mainte- nance supervisor	63N4O	SFC												Company or troop maintenance section or as supervisor of tank maintenance team.
9	M60A1/A3 tank senior maintenance supervisor	63N5O	MSG												Battalion or squadron maintenance platoon.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–63N–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	M60A1/A3 tank automot- ive mechanic Recovery veh opr	63N1OH8 63N1OH8	PFC		1	1	2	2	2	3	3	4	4		1. Grades of additional positions will be in same pattern. 2. All recovery operator positions will be further identified with ASI H8.
2	M60A1/A3 tank automot- ive mechanic Recovery veh opr	63N1OH8 63N1OH8	SPC		1	1	1	1	2	2	2	3	3	4	
3	M60A1/A3 tank automot- ive mechanic Recovery veh opr	63N2OH8 63N2OH8	SGT			1	1	1	2	2	2	2	2		
4	Recovery veh opr	63N1OH8	SPC		1										Use with M88 Full Tracked Recovery Vehicle. (LIN #R50681).
5	Recovery veh opr	63N2OH8	SGT		1	1									
6	Recovery supervisor	63N3O	SSG												1. Control and to provide technical assistance to two or more recovery vehicle operators, and other maintenance personnel, in recovery support section of battalion maintenance platoon. 2. Use of ASI H8 not authorized with grade SSG.
7	M60A1/A3 tank systems mechanic	63N3O	SSG												Co or Trp (except HHC/HHT) maintenance section in addition to SFC in line 8. Also in tank company maintenance teams.
8	M60A1/A3 tank mainte- nance supervisor	63N4O	SFC												Company or troop maintenance section or as supervisor of tank maintenance team.

**Table 10-63N-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
9	M60A1/A3 tank senior maintenance supervisor	63N5O	MSG													Battalion or squadron maintenance platoon.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-63S-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8	1. Occasionally lifts 70 pounds 3 feet and carries 50 feet.
2	1, 2, 3, 4, 5, 6, 7, 8	2. Occasionally lifts 250 pounds 4 feet and carries 10 feet as part of a 2 soldier team (prorated 125 pounds). 3. Occasionally pushes 600 pounds 6 feet as part of a 2 soldier team (prorated 300 pounds). 4. Occasionally lifts 150 pounds 3 feet and carries 50 feet as part of a 2 soldier team (prorated 75 pounds). 5. Frequently lifts 70 pounds and carries 50 feet. 6. Must possess normal color vision. 7. Frequently reads complex schematic diagrams. 8. Must possess finger dexterity in both hands.

**Table 10-63S-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Hvy wh veh mech Recovery veh opr	63S1O 63S1OH8	PFC			1	2	3	4	5	5	5	6	1. Grades of additional positions will be in same pattern. 2. All recovery operator positions will be further identified with ASI H8.
2	Hvy wh veh mech Recovery veh opr	63S1O 63S1OH8	SPC	1	1	1	1	1	1	1	1	2	2	3. Positions in Special Ops Avn (SOA) graded per lines 4 thru 6.
3	Hvy wh veh mech Recovery veh opr	63S2O 63S2OH8	SGT		1	1	1	1	1	1	2	2	2	
4	Hvy wh veh mech Recovery veh opr	63S1O 63S1OH8	PFC			1	1	2	2	3	3	3	4	1. Grades of additional positions will be in same pattern. 2. Special Ops Avn (SOA). Use with SQI S. 3. All recovery operator positions will be further identified with ASI H8.
5	Hvy wh veh mech Recovery veh opr	63S1O 63S1OH8	SPC	1	1	1	2	2	2	2	3	4	4	
6	Hvy wh veh mech Recovery veh opr	63S2O 63S2OH8	SGT		1	1	1	1	2	2	2	2	2	
7	Recovery veh opr	63S2OH8	SGT											Operation of M1002 M.A.N. Wrecker (LIN #T88745).

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-63S-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Hvy wh veh mech Recovery veh opr	63S1O 63S1OH8	PFC		1	2	3	4	5	5	5	6		1. Grades of additional positions will be in same pattern. 2. All recovery operator positions will be further identified with ASI H8.
2	Hvy wh veh mech Recovery veh opr	63S1O 63S1OH8	SPC	1	1	1	1	1	1	1	1	2	2	
3	Hvy wh veh mech Recovery veh opr	63S2O 63S2OH8	SGT	1	1	1	1	1	1	2	2	2		
4	Recovery veh opr	63S2OH8	SGT											Operation of M1002 M.A.N. Wrecker (LIN #T88745).

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-63T-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7	1. Occasionally lifts 236 pounds 4 feet and carries 25 feet as part of a 2 soldier team (prorated 118 pounds).
2	1, 2, 3, 4, 5, 6, 7	2. Occasionally lifts 85 pounds 2 feet and carries 50 feet. 327 pounds 3 feet and carries 50 feet as part of a 3 soldier team (prorated 109 pounds).
3	1, 2, 3, 4, 5, 6, 7	3. Must possess normal color vision.
4	3, 4, 5	4. Frequently reads complex schematic diagrams.
5	3, 4	5. Must possess finger dexterity in both hands. 6. Frequently lifts 70 pounds 3 feet and carries 50 feet. 7. Occasionally lifts 411 pounds 4 feet and carries 6 feet as part of a 4 soldier team (prorated 103 pounds).

**Table 10-63T-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	BRADLEY FVS AUTMV MECH RECOVERY VEH OPR	63T1O 63T1OH8	PFC	1	1	1	2	2	2	3	3	3	4	1. Grades of additional positions will be in same pattern. 2. All recovery operator positions will be further identified with ASI H8. 3. Grading pattern will be applied cumulatively to all positions within the same paragraph.
2	BRADLEY FVS AUTMV MECH RECOVERY VEH OPR	63T1O 63T1OH8	SPC	1	1	1	2	2	2	3	3	3		
3	BRADLEY FVS AUTMV MECH RECOVERY VEH OPR	63T2O 63T2OH8	SGT		1	1	1	2	2	2	3	3		
4	RECOVERY VEH OPR	63T1OH8	SPC	1										Use with full-tracked recovery vehicle.
5	RECOVERY VEH OPR	63T2OH8	SGT	1	1									
6	RECOVERY VEH SUPV	63T3O	SSG											Supervision of two or more recovery vehicle operators and other associated equipment maintenance personnel, in a recovery support section of a battalion and squadron.
7	BRADLEY FVS MECH	63T3O	SSG											1. Battery, company or troop maintenance section. 2. Battalion and squadron maintenance section. 3. Rifle or anti-armor maintenance team. 4. CVeh parts and maintenance branch in MMC of TA.

**Table 10-63T-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
8	BRADLEY FVS MAINT SUPV	63T4O	SFC													Battery, company or troop maintenance and service section and as supervisor of rifle or anti-armor maintenance team. Second position graded per line 7.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-63T-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	BRADLEY FVS AUTMV MECH RECOVERY VEH OPR	63T1O 63T1OH8	PFC	1	1	1	2	2	2	3	3	3	4		1. Grades of additional positions will be in same pattern. 2. All recovery operator positions will be further identified with ASI H8. 3. Grading pattern will be applied cumulatively to all positions within the same paragraph.
2	BRADLEY FVS AUTMV MECH RECOVERY VEH OPR	63T1O 63T1OH8	SPC		1	1	1	2	2	2	3	3	3		
3	BRADLEY FVS AUTMV MECH RECOVERY VEH OPR	63T2O 63T2OH8	SGT			1	1	1	2	2	2	3	3		
4	RECOVERY VEH OPR	63T1OH8	SPC	1											Use with full-tracked recovery vehicle.
5	RECOVERY VEH OPR	63T2OH8	SGT	1	1										
6	BRADLEY FVS AUTMV MECH	63T2O	SGT												Asst PEO Int'l Log Br or Div of Acq Exec Spt Acty.
7	RECOVERY VEH SUPV	63T3O	SSG												Supervision of two or more recovery vehicle operators and other associated equipment maintenance personnel, in a recovery support section of a battalion and squadron.
8	BRADLEY FVS MECH	63T3O	SSG												1. Battery, company or troop maintenance section. 2. Battalion and squadron maintenance section. 3. Rifle or anti-armor maintenance team.
9	BRADLEY FVS MAINT SUPV	63T4O	SFC												Battery, company or troop maintenance and service section and as supervisor of rifle or anti-armor maintenance team. Second position graded per line 8.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-63W-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts 220 pounds as part of a 2 soldier team (prorated 110 pounds).
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts 150 pounds 3 feet and carries 50 feet as part of a 2 soldier team (prorated 75 pounds). 3. Must possess normal color vision. 4. Frequently reads complex schematic diagrams. 5. Must possess finger dexterity in both hands. 6. Frequently lifts and lowers 70 pounds and carries 50 feet.

**Table 10-63W-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	WH VEH REP RECOVERY VEH OPR	63W1O 63W1OH8	PFC		1	1	2	2	3	3	3	4	4	4	1. Grades of additional positions will be in same pattern. 2. All recovery operator positions will be further identified with ASI H8.
2	WH VEH REP RECOVERY VEH OPR	63W1O 63W1OH8	SPC		1	1	1	1	2	2	3	3	3	4	3. Mobile maint team, Fwd Sup Co, SOSB (Abn), consisting of only two positions, the first position will be graded SGT and the second position graded SPC.
3	WH VEH REP RECOVERY VEH OPR	63W2O 63W2OH8	SGT			1	1	1	1	1	2	2	2		
4	WH VEH REP	63W1O	PFC		1										Mobile maintenance team, Fwd Spt Co, SOSB, Abn.
5	WH VEH REP	63W2O	SGT		1	1									

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-63W-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	WH VEH REP RECOVERY VEH OPR	63W1O 63W1OH8	PFC		1	1	2	2	3	3	4	4	5	5	1. Grades of additional positions will be in same pattern. 2. All recovery operator positions will be further identified with ASI H8.
2	WH VEH REP RECOVERY VEH OPR	63W1O 63W1OH8	SPC		1	1	1	1	2	2	3	3	3	3	3. Grading pattern will be applied cumulatively to all positions within the same paragraph.
3	WH VEH REP RECOVERY VEH OPR	63W2O 63W2OH8	SGT			1	1	1	1	1	1	2	2		

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-63Y-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7	1. Occasionally lifts 327 pounds 1 foot and carries 25 feet as part of a 2 soldier team (prorated 163 pounds).
2	1, 2, 3, 4, 5, 6, 7	2. Occasionally lifts 411 pounds 4 feet and carries 6 feet as part of a 3 soldier team (prorated 137 pounds). 3. Frequently lifts 70 pounds 3 feet and carries 50 feet. 4. Frequently reads complex schematic diagrams. 5. Must possess finger dexterity in both hands. 6. Must not be allergic to diesel or gasoline. 7. Must not possess a fear of heights.

**Table 10-63Y-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Track vehicle mechanic Recovery veh opr	63Y1O 63Y1OH8	PFC			1	2	2	2	3	3	3	4	1. Grades of additional positions will be in same pattern. 2. Apply tracked recovery vehicle positions first, then apply grading standard for mechanic positions.
2	Track vehicle mechanic Recovery veh opr	63Y1O 63Y1OH8	SPC	1	1	1	1	2	2	2	3	3	3	
3	Track vehicle mechanic Recovery veh opr	63Y2O 63Y2OH8	SGT	1	1	1	1	2	2	2	3	3		
5														Use with full-tracked recovery vehicle.
6	Recovery veh opr	63Y1OH8	SPC											Units requiring heavy wheel recovery operations (less tracks), positions will be graded SPC.

Notes:

<sup>1</sup> \*Blank spaces in this column indicated not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-63Y-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Track vehicle mechanic Recovery veh opr	63Y1O 63Y1OH8	PFC			1	2	2	2	3	3	3	4	1. Grades of additional positions will be in same pattern. 2. Apply tracked recovery vehicle positions first, then apply grading standard for mechanic positions.
2	Track vehicle mechanic Recovery veh opr	63Y1O 63Y1OH8	SPC	1	1	1	1	2	2	2	3	3	3	
3	Track vehicle mechanic Recovery veh opr	63Y2O 63Y2OH8	SGT	1	1	1	1	2	2	2	3	3		
4	Recovery veh opr	63Y1OH8	SPC	1										Use with full-tracked recovery vehicle.
5	Recovery veh opr	63Y2OH8	SGT	1	1									
6	Recovery veh opr	63Y1OH8	SPC											Units requiring heavy wheel recovery operations (less tracks), positions will be graded SPC.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower requirements.

**Table 10-63Z-1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2, 3, 4, 5, 6	<ol style="list-style-type: none"> <li>1. Occasionally climbs, crouches, reaches, pushes and pulls 40 pounds.</li> <li>2. Must possess normal color vision.</li> <li>3. Frequently reads complex schematic diagrams.</li> <li>4. Must possess finger dexterity in both hands.</li> <li>5. Must not be allergic to diesel or gasoline.</li> <li>6. Must not possess a fear of heights.</li> </ol>

**Table 10-63Z-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	MECH MAINT OPS NCO	63Z5O	MSG	<ol style="list-style-type: none"> <li>1. Principal maintenance NCO in HHC of Engr Bn or Bde, Spt Bn or Corps and TA.</li> <li>2. S4 Sec and Maint Plt Hq Sec in HHC of Engr Bn; Div Spt Ops Ofc, S4 and Mat Sec in HHC/MMC of AASLT, Abn, LID, Inf and Hvy Div; and in Fwd and Main Spt Bn of Inf (Mtz) and Hvy Div.</li> <li>3. S4 Sec in HHC of Trans Bn and Gp; Maint Sec in HHC of Trans Mtr and Trans Bn; and HHC of ADSCOM and TASOC.</li> <li>4. S4 Sec in Armor and Mech Sep Hvy Bde.</li> <li>5. Maint Ops, Maint Con or Mat Ops Sec in HHC of Inf (Abn) Bn; Ord Bn; Msl and Mun Spt Gp; and LID.</li> <li>6. ACofS, Sup and Svc Sec in HHC of Ord Bde; COSCOM and TA.</li> <li>7. Mat Sec, Autmv Mat, Armt and Cbt Veh Mat and Trp Spt Mat Br in HHC of COSCOM; and Plans and Procedures Br in MMC of COSCOM and TAACOM.</li> <li>8. Mat Ops Sec in Hq of Lt Ord Co of AASLT and Abn Div; Main Spt Co of LID; Ord Bn DS/GS of Corps, TA, and TAACOM.</li> <li>9. Maint Ops Br for Msl and Mun in HHC of Spt Gp.</li> <li>10. Dir and Mat Sec in HHC of Log Area Spt Gp.</li> <li>11. TAACOM, MMC.</li> <li>12. Maint Plt Hq Sec in HHC of Engr Cbt Hvy Bn.</li> <li>13. Mat Readiness Sec in HHC of Engr Cbt Bn Abn.</li> <li>14. Maint Spt Br, Wpn Syst Spt Br and Spt Plans Br, HHC of COSCOM.</li> </ol>
2	MECH MAINT MGMT NCO	63Z5O	MSG	<p>Principal maintenance management NCO in:</p> <ol style="list-style-type: none"> <li>a. Armt and CVeh, Autmv and Mat, Trp Mat Spt Maint, CVeh Parts and Maint, Gnd Spt Maint, and Force Mod Ops Readiness Br; Cmd Log, Dir and Mat, Mat, and S4/G4 Sec, or MMC Ofc in HHC of SIB; Div Spt Ofc and Mat Sec in HHC and MMC of SUPCOM LID or Mtz; MMC of Area Spt Gp, ADSCOM, COSCOM, SUPCOM, and TAACOM.</li> <li>b. Cmd Log and Mat Sec in DMMC Ofc in DISCOM of AASLT, Abn, LID, and Inf Div.</li> <li>c. Dir and Mat Sec; or Maint Br and HNS Log Dir in HHC of Area Spt Gp.</li> <li>d. Maint Br in HHC of Corps Spt Gp.</li> </ol>
3	MECH MAINT SUPERVISOR	63Z5O	MSG	<ol style="list-style-type: none"> <li>1. Autmv Br in HHC/MMC of COSCOM and TAACOM.</li> <li>2. Bn Maint Plt Hq Sec in HHC of Mech Inf Bn.</li> <li>3. Maint Sec of Engr Bn or Sqdn.</li> <li>4. For supervision of unit maintenance in subordinate unit of Maint Spt Sec in HHC of Engr Bde, Corps or TAACOM.</li> </ol>
4	MECH MNT MGMT LOG NCO	63Z5O	MSG	<ol style="list-style-type: none"> <li>1. QA and Con Mgt Ofc in Spt Co of TAACOM.</li> <li>2. Admin and Log Sec in HHC of Sig Bn.</li> </ol>
5	OPERATIONS SERGEANT	63Z5O	MSG	<ol style="list-style-type: none"> <li>1. Principal operations NCO in S2/S3 Sec of a maintenance battalion.</li> <li>2. Hq Spt Trp Bn of COSCOM.</li> <li>3. Spt Ops Ofc in a Main Spt Bn (MSB), Hvy Div; LID; or DISCOM.</li> <li>4. Eq Readiness Div (Fwd), MMC Split-Ops, COSCOM.</li> </ol>
6	SR MAINT SUPV	63Z5O	MSG	<p>Only one Senior Maintenance Supervisor will be allocated in:</p> <ol style="list-style-type: none"> <li>a. Bn, Sqdn, Gp, Regt, Div or Bde, or</li> <li>b. Co with 20 or more soldiers performing unit level (combined maintenance sections CMF 63, MOS 77F and MOS 92A) maintenance; or</li> <li>c. ACofS Svc Sup &amp; Mn Sec, HHC Trans Cmd.</li> </ol>
7	SP FA SR MAINT SUPV	63Z5O	MSG	<ol style="list-style-type: none"> <li>1. Maint Plt Hq Sec in Svc Btry of FA Bn (SP) Hvy Div.</li> <li>2. Bn Maint Sec in Svc Btry of FA Bn (SP).</li> </ol>
8	M1 SR MAINT SUPV BFVS SR MAINT SUP	63Z5O	MSG	Battalion and/or Squadron Maintenance Platoon.
9	MAINT CONTROL SGT	63Z5O	MSG	Principal NCO in a Maintenance Control Section of A non-divisional DS unit, TOE 43209L000 and GS Maint Co TOE 43649L000 only.
10	FIRST SERGEANT	63Z5M	1SG	Principal NCO in Maint Battery, Company, or Troop.
11	OPERATIONS NCO	63Z5O	SGM	<ol style="list-style-type: none"> <li>1. Plans Sec and Readiness Br in MMC of TAACOM.</li> <li>2. Scty, Plans and Ops Sec or Dir in HHC of COSCOM and Area Spt Gp.</li> <li>3. S2/S3 Sec or Ofc in HHC/MMC of SUPCOM AASLT, Abn, LID, and Inf (Mtz) Div.</li> <li>4. ACofS, G3 Sec and Spt Ops Sec in HHC of COSCOM.</li> <li>5. Eq Readiness Div (Fwd), MMC Split-Ops, COSCOM.</li> </ol>
12	CH MECH MAINT OPS NCO	63Z5O	SGM	<ol style="list-style-type: none"> <li>1. Maint Ops Br for Msl Mun in HHC of Log Spt Gp.</li> <li>2. Plans and Pro Sec in MMC of COSCOM; and HHC and MMC of TAACOM.</li> <li>3. Maint Spt Br in HHC, COSCOM.</li> </ol>

**Table 10-63Z-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Explanatory notes
13	CH MECH MAINT LOG NCO	63Z50	SGM	<ol style="list-style-type: none"> <li>1. G4 Sec in HHC of Army and Corps; and AASLT, Abn, Armored CAV, Inf and LID.</li> <li>2. G4/CSS Cell/Rear Sec in HHC of Corps; CSS Cell/Main or Rear in HHC of Armored and Mech Inf Div, and LID.</li> <li>3. Autmv Maint Br in HHC/MMC of TAACOM.</li> <li>4. Dir and Mat Sec in HHC of Area Spt Gp.</li> <li>5. ACofS, Svc Sup and Maint in HHC of COSCOM and TRANSCOM.</li> <li>6. S4 Sec in HHC of Trans, Mtr, Petroleum, Terminal and Composite Gp; and HSB, Armored and Mech.</li> <li>7. Cmd Log Sec in AASLT and Inf Div, DISCOM; in DMMC of Armored, Inf and Mech Div; and Div Spt Ops Ofc in MMC of Hvy Div.</li> </ol>

Notes:

1. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-63Z-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	FIRST SERGEANT	63Z5M	1SG	Principal NCO in a maintenance headquarters company, battery or troop.
2	MECH MAINT OPS NCO	63Z50	MSG	<ol style="list-style-type: none"> <li>1. Maint Mgt Br of CONUSA.</li> <li>2. Cbt Svc Spt Br of CASCOM.</li> <li>3. S4 Sec and Bde FSB Div, USA NTC.</li> <li>4. Mtr Pool of Tng Bde and Maint Det of USATC.</li> <li>5. Air Land Cbt Br of USAIOC.</li> <li>6. CM Br and Sp Ops Sec of OPTEC.</li> <li>7. Dir Maint and Electric and Electron Br of TROSCOM.</li> <li>8. Mat Ofc (MATO) of US Army CEGE—Europe; and MATO of Gen Spt Ctr, USAREUR.</li> <li>9. Trans Bn, and COSCOM MMC of USAR (Full Time Support).</li> <li>10. Scty/Plans/Ops Ofc, USAMC, EUROPE.</li> </ol>
3	MECH MAINT MGMT NCO	63Z50	MSG	<ol style="list-style-type: none"> <li>1. Sup Br in DEH of USAG.</li> <li>2. Dir Maint of USAIOC.</li> <li>3. Maint Br of CONUSA.</li> <li>4. Fabr Br of WHCA, DoD Agcy.</li> <li>5. S4 Sec, USA NTC.</li> </ol>
4	MECH MAINT SUPERVISOR	63Z50	MSG	<ol style="list-style-type: none"> <li>1. QA Ofc, Sec, or Br of US Army CEGE, Europe.</li> <li>2. Constr Maint Ctr of MILCOM; or USA Rgn Spt Elm, Log Div, and Spt Co of CA ATC, Europe.</li> <li>3. DS Maint Div in Log Ctr; and Dir Maint in USA Mat Spt Ctr of USA, Korea.</li> <li>4. HHC of ORD Maint Bn USAR (FTS).</li> <li>5. DCSLOG; and in HHC of Ord and TASG USAR (FTS).</li> <li>6. Maint Bn of ARCOM.</li> <li>7. Tng Bde of ATC containing a combined total of 25 or more construction equipment repairers.</li> <li>8. Maint Sec of Engr Bn or Sqdn.</li> </ol>
5	SR ENL CAREER ADV	63Z50	MSG	Ord Br of EPMD, U.S. Total Army Personnel Command.
6	MECH MNT MGMT LOG NCO	63Z50	MSG	<ol style="list-style-type: none"> <li>1. Ofc of the IG: <ol style="list-style-type: none"> <li>a. Hq Inst'l Spt Acty, MDW</li> <li>b. USA Acty, USARPAC</li> </ol> </li> <li>2. Insp Div in Hq Fld Acty Elm and Ops Acty of USAR</li> <li>3. MMC of USAR (FTS).</li> <li>4. Ofc of the G4 USAR Div Ex Hq.</li> </ol>
7	MECH MAINT IN NCO	63Z50	MSG	Eval Br of Hq USA TACOM, MI.
8	MECH MAINT CONTROL SGT	63Z50	MSG	When authorized in Maint Con Sec as principal NCO for second shift operations of Ord Maint Co DS, and Inf Sys Sup Tm. U.S Army Reserves only.
9	SR MAINT SUPV	63Z50	MSG	Supervision of 20 or more soldiers performing unit level maintenance, CMF 63, MOS 77F and MOS 92A.
10	M1 SR MECH MAINT SUPV BFVS SR MAINT SUPV	63Z50	MSG	Bn and/or Sqdn Maint Plt.
11	SR MECH MAINT NCO	63Z50	SGM	Fabr Br of WHCA, DoD Agcy.
12	OPERATIONS NCO	63Z50	SGM	Maint Opns Branch, CBT Equip Gp Europe.

**Table 10-63Z-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
13	CH MECH MAINT NCO	63Z5O	SGM	1. POMCUS QA Sec in HHC and HHD of CEB N,W, and NW of USA CECE, Europe. 2. Tech Gp of USAR. 3. Ofc Cdr and Maint Dir of AMC CONUS and Europe.
14	CH MECH MAINT LOG NCO	63Z5O	SGM	1. Svc, Sup and Mat Br of USAR (FTS). 2. Cmd Log Rev Tm of USAR Spt Gp. 3. Europe Log Asst Br in Fld Svc Acty of AMC.

Notes:

<sup>1</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-67G-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts and carries 800 pounds as part of a 8 soldier team (prorated 100 pounds).
2	1, 2, 3, 4, 5, 6	2. Occasionally pushes and pulls 300 pounds.
3	1, 2, 3, 4, 5, 6	3. Occasionally lifts 80 pounds and climbs 5 feet.
4	4, 6	4. Must possess normal color vision. 5. Must possess finger dexterity in both hands. 6. Frequently reads detailed technical manuals.

**Table 10-67G-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Utility airplane repairer	67G1O	PFC		1	2	2	3	4	4	4	5		Grades of additional positions will be in same pattern.
2	Utility airplane repairer	67G1O	SPC	1	1	1	1	2	2	2	2	3	3	
3	Utility airplane repairer	67G2O	SGT	1	1	1	1	1	1	2	2	2		
4	Crew chief	67G2F	SGT	1	2	3	4	4	5	6	6	7	8	
5	Crew chief	67G3F	SSG			1	1	1	2	2	2			
6	Utility airplane TI	67G3F	SSG											Full time position for technical inspection of Army aircraft and components.
7	Section chief	67G3O	SSG											Principal NCO in a section of 6 to 19 repairers.
8	Utility airplane supervisor	67G3O	SSG											Supervision of 6 to 19 personnel when a SFC, MOSC 67G4O, is not in the section.
9	Platoon sergeant	67G4O	SFC											Principal NCO in a platoon.
10	Detachment sergeant	67G4O	SFC											Principal NCO in an aircraft maintenance detachment or operational airplane detachment.
11	Acft maint supv	67G4O	SFC											Airplane support or maintenance section or comparable unit containing 20 or more personnel engaged in airplane maint or related activities.
12	Acft quality con supv	67G4O	SFC											Supervision of five or more technical inspectors involving fixed wing aircraft.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-67G-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	Utility airplane repairer	67G1O	PFC		1	2	2	3	4	4	4	5	Grades of additional positions will be in same pattern.		
2	Utility airplane repairer	67G1O	SPC	1	1	1	1	2	2	2	2	3	3		
3	Utility airplane repairer	67G2O	SGT		1	1	1	1	1	1	2	2	2		
4	Crew chief	67G2F	SGT	1	2	3	4	4	5	6	6	7	8		
5	Crew chief	67G3F	SSG					1	1	1	2	2	2		
6	Utility airplane TI	67G3F	SSG											Full time position for technical inspection of Army aircraft and components.	
7	Section chief	67G3O	SSG											Principal NCO in a section of 6 to 19 repairers.	
8	Utility airplane supervisor	67G3O	SSG											Supervision of 6 to 19 personnel when a SFC, MOSC 67G4O, is not in the section.	
9	Platoon sergeant	67G4O	SFC											Principal NCO in a platoon.	
10	Detachment sergeant	67G4O	SFC											Principal NCO in an aircraft maintenance detachment or operational airplane detachment.	
11	Acft maint supv	67G4O	SFC											Airplane support or maintenance section or comparable unit containing 20 or more personnel engaged in airplane maint or related activities.	
12	Acft quality con supv	67G4O	SFC											Supervision of five or more technical inspectors involving fixed wing aircraft.	

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-67H-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Constantly lifts 165 pounds and carries 30 feet aspart of a 2 soldier team (prorated 82 pounds).
2	1, 2, 3, 4, 5	2. Frequently pushes and pulls 300 pounds.
3	1, 2, 3, 4, 5	3. Must possess normal color vision.
4	3, 5	4. Must possess finger dexterity in both hands. 5. Frequently reads detailed technical manuals.

**Table 10-67H-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	Obsn airplane rep	67H1O	PFC	1	2	2	2	3	4	4	4	5	5	Grades of additional positions will be in same pattern.	
2	Obsn airplane rep	67H1O	SPC			1	1	1	1	2	2	2	3		
3	Obsn airplane rep team chief	67H2O	SGT				1	1	1	1	2	2	2		
4	Crew chief	67H1F	SPC	1	2	3	3	4	5	6	6	7	For Active Component only.		
5	Crew chief	67H2F	SGT	1	1	1	1	2	2	2	2	3	3		
6	Crew chief	67H2F	SGT	1	2	3	4	4	5	6	6	7	8	For Reserve Component only.	
7	Crew chief	67H3F	SSG					1	1	1	2	2	2		
8	Obsn airplane TI	67H3F	SSG											Full time position for technical inspection of Army aircraft and components.	

**Table 10-67H-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
9	Section chief	67H3O	SSG													Principal NCO in a section of 11 to 19 repairers.
10	Obsn airplane supv	67H3O	SSG													Supervision of 11 to 19 personnel when a SFC,67H4O, is not in section.
11	Platoon sergeant	67H4O	SFC													Principal NCO in a platoon.
12	Detachment sergeant	67H4O	SFC													Principal NCO in an aircraft maintenancedetachment or operational airplane detachment.
13	Acft maint supv	67H4O	SFC													Airplane support, maintenance section orcomparable unit containing 20 or more personnel engaged inairplane maint or related activities.
14	Acft qual cntrl supv	67H4O	SFC													Supervision of five or more technicalinspectors involving fixed wing aircraft.

Notes:

\*1 Blank spaces in this column indicates not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-67H-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	Obsn airplane rep	67H1O	PFC	1	2	2	2	3	4	4	4	4	5	5		Grades of additional positions will be in samepattern.
2	Obsn airplane rep	67H1O	SPC			1	1	1	1	2	2	2	2	3		
3	Obsn airplane rep team chief	67H2O	SGT					1	1	1	1	2	2	2		
4	Crew chief	67H1F	SPC		1	2	3	3	4	5	6	6	7			Active Component only.
5	Crew chief	67H2F	SGT		1	1	1	1	2	2	2	2	3	3		
6	Crew chief	67H2F	SGT		1	2	3	4	4	5	6	6	7	8		Reserve Component only.
7	Crew chief	67H3F	SSG					1	1	1	2	2	2			
8	Obsn airplane TI	67H3F	SSG													Full time position for technical inspection ofArmy aircraft and components.
9	Section chief	67H3O	SSG													Principal NCO in a section of 11 to 19 repairers.
10	Obsn airplane supv	67H3O	SSG													Supervision of 11 to 19 personnel when a SFC,67H4O, is not in the section.
11	Platoon sergeant	67H4O	SFC													Principal NCO in a platoon.
12	Detachment sergeant	67H4O	SFC													Principal NCO in an aircraft maintenancedetachment or operational airplane detachment.
13	Acft maint supv	67H4O	SFC													Airplane support, maintenance section orcomparable unit containing 20 or more personnel engaged inairplane maint or related activities.
14	Acft qual cntrl supv	67H4O	SFC													Supervision of five or more technicalinspectors involving fixed wing aircraft.

Notes:

\*1 \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-67N-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Constantly lifts 225 pounds and carries 25 feet aspart of a 2 soldier team (prorated 113 pounds).
2	1, 2, 3, 4, 5, 6	2. Occasionally pushes and pulls 265 pounds.
3	3, 4, 6	3. Occasionally climbs 11 feet. 4. Must possess normal color vision. 5. Must possess finger dexterity in both hands. 6. Frequently reads detailed technical manuals.

**Table 10-67N-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	UH-1 REP	67N1O	PFC	1	2	3	3	4	5	5	5	6	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.	
2	UH-1 REP	67N1O	SPC	1	1	1	1	1	1	1	1	2		
3	UH-1 REP/TM CH	67N2O	SGT					1	1	1	2	2		
4	CREW CHIEF	67N1F	SPC	1	2	3	3	4	5	5	6	6	1. Grades of additional positions will be in same pattern. 2. Active Component Use only.	
5	CREW CHIEF	67N2F	SGT	1	1	1	1	2	2	2	3	3		
6	CREW CHIEF	67N2F	SGT	1	2	3	4	4	5	6	6	7	1. Grades of additional positions will be in same pattern. 2. Reserve Component Use only.	
7	CREW CHIEF	67N3F	SSG					1	1	1	2	2		
8	UH-1 HEL TI	67N2F	SGT	1	1	2	2	3	3	4	4	5	Full time positions for technical inspection of UH-1 helicopters and components.	
9	UH-1 HEL TI	67N3F	SSG	1	1	2	2	3	3	4	4	5		
10	RECOVERY TM LDR	67N2F	SGT										Principal UH-1 acft recovery NCO when a position per line 11 or 12 below is not authorized in: a. AVUM Plt of an Avn Co/Trp. b. AVUM Co of a Bn/Sqdn. c. Avn Intermediate Maint (AVIM) Co.	
11	SECTION CHIEF RECOVERY TM LDR	67N3O 67N3F	SSG										1. Principal NCO in a section of 10 to 19 repairers. 2. Principal Acft Maint NCO in a Aero Medivac Det/Co. 3. One position per AVUM Plt of an Avn Co/Trp, AVUM Co of a Bn/Sqdn or AVIM Co may be titled and coded as Recovery Tm Ldr.	
12	UH-1 SUPV RECOVERY TM LDR	67N3O 67N3F	SSG										1. Supervision of 10 to 19 repairers when a SFC Acft Maint Supv is authorized in the section. 2. One position per AVUM Plt of an Avn Co/Trp, AVUM Co of a Bn/Sqdn or AVIM Co may be titled and coded as Recovery Tm Ldr.	

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-67N-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	UH-1 REP	67N1O	PFC		1	2	3	3	4	5	5	5	6	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	UH-1 REP	67N1O	SPC	1	1	1	1	1	1	1	1	2	2	
3	UH-1 REP/TM CH	67N2O	SGT					1	1	1	2	2	2	
4	CREW CHIEF	67N1F	SPC		1	2	3	3	4	5	5	6	6	1. Grades of additional positions will be in same pattern. 2. Active Component use only.
5	CREW CHIEF	67N2F	SGT	1	1	1	1	2	2	2	3	3	4	
6	CREW CHIEF	67N2F	SGT	1	2	3	4	4	5	6	6	7	8	1. Grades of additional positions will be in same pattern. 2. Reserve Component use only.
7	CREW CHIEF	67N3F	SSG					1	1	1	2	2	2	
8	UH-1 HEL TI	67N2F	SGT		1	1	2	2	3	3	4	4	5	Full time positions for technical inspection of UH-1 helicopters and components.
9	UH-1 HEL TI	67N3F	SSG	1	1	2	2	3	3	4	4	5	5	
10	SR UH-1 REP	67N3O	SSG											Elect Sys Div, USA CECOM Research Dev & Eng Ctr.
11	SECTION CHIEF	67N3O	SSG											1. Principal NCO in a section of 10 to 19 repairers. 2. Principal Acft Maint NCO in a Aero Medivac Det/Co. 3. ALSE Sect: a. USA Avn Ctr. b. Log Spt Unit, Sinai. 4. Acft Maint Sec: a. USAG, Ft Lewis. b. US Mil Acd. c. USA Avn Det, Japan. 4. Hel Sect, USA EUCOM Spt Flt Det.
12	UH-1 SUPV	67N3O	SSG											1. Supervision of 10 to 19 repairers when a SFC Acft Maint Supv is authorized in the section. 2. Avn Cmd/Ctrl Sec, USA EUCOM Spt Flt Det. 3. AVUM Br, USAG, Alaska.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-67R-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts 157 pounds a vertical distance of 3 feet and carries 25 feet as part of a 2 soldier team (prorated at 78.5 pounds per soldier).
2	1, 2, 3, 4, 5	2. Occasionally climbs 6 feet, 5 inches.
3	4, 5	3. Occasionally pushes and pulls 300 pounds mounted on wheels.
4	4, 5	4. Must possess finger dexterity. 5. Frequently reads detailed technical manuals.

**Table 10-67R-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	AH-64 REP	67R1O	PFC	1	2	2	2	3	3	4	4	5	5	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	AH-64 REP	67R1O	SPC			1	1	1	2	2	2	2	3	
3	AH-64 REP/TM CH	67R2O	SGT					1	1	1	1	2	2	

**Table 10-67R-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
4	CREW CHIEF	67R1O	SPC	1	2	3	4	4	5	6	6	7	1. Grades of additional positions will be in same pattern. 2. Active Component use only.	
5	CREW CHIEF	67R2O	SGT	1	1	1	1	1	2	2	2	3		
6	CREW CHIEF	67R2O	SGT	1	2	3	4	4	5	6	6	7	1. Grades of additional positions will be in same pattern. 2. Reserve Component use only.	
7	CREW CHIEF	67R3O	SSG					1	1	1	2	2		
8	AH-64 ATTACK HEL TI	67R2F	SGT	1	1	2	2	3	3	4	4	5	Full time position for inspection of AH-64 helicopters and components.	
9	AH-64 ATTACK HEL TI	67R3F	SSG	1	1	2	2	3	3	4	4	5		
10	RECOVERY TM LDR	67R2F	SGT										Principal AH-64 acft recovery NCO when a position per line 11 or 12 below is not authorized in: a. AVUM Plt of an Avn Co/Trp. b. AVUM Co of a Bn/Sqdn. c. Avn Intermediate Maint (AVIM) Co.	
11	SECTION CHIEF RECOVERY TM LDR	67R3O 67R3F	SSG										1. Principal NCO in a section of 10-19 repairers. 2. One position per AVUM Plt of an Avn Co/Trp, AVUM Co of a Bn/Sqdn or AVIM Co may be titled and coded as Recovery Tm Ldr.	
12	AH-64 SUPV RECOVERY TM LDR	67R3O 67R3F	SSG										1. Supervision of 10 to 19 repairers when a SFC Acft Maint Supv is in the section. 2. One position per AVUM Plt of an Avn Co/Trp, AVUM Co of a Bn/Sqdn or AVIM Co may be titled and coded as Recovery Tm Ldr.	
13	PLATOON SERGEANT	67R4O	SFC										Principal NCO in a platoon.	
14	DETACHMENT SER- GEANT	67R4O	SFC										Principal NCO in an aircraft maintenance detachment or operational helicopter detachment.	
15	ACFT MAINT SUPV	67R4O	SFC										1. Aircraft support section, maintenance section or comparable unit containing 20 or more soldiers engaged in helicopter maintenance or related activities. 2. Materiel Directorate, Area Support Group. 3. Avn Maint/Materiel or comparable section, HHC/MMC, DIS-COM/COSCOM/TAACOM/TA or Spt Cmd (EAC). 4. Maint Sup/Ops Sec, HHC/HHD, Avn Maint Bn (AVIM). 5. S4 Sec, Avn Maint Bn (AVIM).	
16	ACFT QUALITY CON SUPV	67R4F	SFC										Supervision of five or more technical inspectors.	

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-67R-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	AH-64 REP	67R1O	PFC	1	2	2	2	3	3	4	4	5	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.	
2	AH-64 REP	67R1O	SPC		1	1	1	2	2	2	2	3		
3	AH-64 REP/TM CH	67R2O	SGT			1	1	1	1	2	2	2		
4	CREW CHIEF	67R1O	SPC	1	2	3	4	4	5	6	6	7	1. Grades of additional positions will be in same pattern. 2. Active Component use only.	
5	CREW CHIEF	67R2O	SGT	1	1	1	1	1	2	2	2	3		
6	CREW CHIEF	67R2O	SGT	1	2	3	4	4	5	6	6	7	1. Grades of additional positions will be in same pattern. 2. Reserve Component use only.	
7	CREW CHIEF	67R3O	SSG					1	1	1	2	2		

**Table 10-67R-3**  
Standards of grade TDA—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
8	AH-64 ATTACK HEL TI	67R2F	SGT	1	1	2	2	3	3	4	4	5	5	Full time position for inspection of AH-64 helicopters and components.
9	AH-64 ATTACK HEL TI	67R3F	SSG	1	1	2	2	3	3	4	4	5	5	
10	SR AH-64 REP	67R3O	SSG											1. Avn Br, USA Avn & Trp Cmd. 2. USA Sec Asst Tng Tm. Subsequent positions also graded SSG. 3. USA Equip Eval Act. Subsequent positions also graded SSG.
11	SECTION CHIEF	67R3O	SSG											Principal NCO in a section of 10-19 repairers.
12	AH-64 SUPV	67R3O	SSG											Supervision of 10 to 19 repairers when a SFC Acft Maint Supv is in the section.
13	SOMTE NCO	67R3F	SSG											Soldier Operator, Maintainer, Test and Evaluation (SOMTE) NCO in USA Avn Tech Test Ctr. Subsequent positions also graded SSG.
14	PLATOON SERGEANT	67R4O	SFC											Principal NCO in a platoon.
15	DETACHMENT SER-GEANT	67R4O	SFC											Principal NCO in an aircraft maintenance detachment or operational helicopter detachment.
16	ACFT MAINT SUPV	67R4O	SFC											1. Aircraft support section, maintenance section or comparable unit containing 20 or more soldiers engaged in helicopter maintenance or related activities. 2. Avn Br, USA Avn & Trp Cmd. Two additional positions also graded SFC. Subsequent positions graded SSG. 3. Log Spt Div, USA Avn & Msl Cmd.
17	ACFT QUALITY CON SUPV	67R4F	SFC											1. Supervision of five or more technical inspectors. 2. Avn Ops Spt Div, USAG, Ft Hood.
18	AVN MAINT NCO	67R4O	SFC											1. S4, USAG, Ft Hood. 2. Rcads Br, USA Safety Ctr. 3. USA Sec Asst Tng Tm.
19	CHIEF INSTR/WRITER	67R4H	SFC											AH-64 Atk Hel Div, USA Avn Log Sch.
20	SR TNG MGT NCO	67R4O	SFC											Adv Avn Log Tng Div, USA Avn Log Sch.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-67S-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1,2,3,4,5,6	1. Constantly lifts a maximum of 90 pounds and carries 50 feet. 2. Frequently lifts and lowers 82 pounds a distance of 5 feet. 3. Carries 400 pounds a distance of 50 feet as part of a 4 soldier team (prorated at 100 pounds per soldier). 4. Lifts and lowers 75 pounds a distance of 6 inches. 5. Must possess finger dexterity in both hands. 6. Frequently reads detailed technical manuals.
2	1,2,3,4,5,6	
3	5,6	
4	5,6	

**Table 10-67S-2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	OH-58D REP	67S1O	PFC	1	2	2	2	2	2	3	3	4	5	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line
2	OH-58D REP	67S1O	SPC			1	1	2	3	3	3	3	3	
3	OH-58D REP/TM CH	67S2O	SGT				1	1	1	1	2	2	2	
4	CREW CHIEF	67S1O	SPC		1	1	2	2	3	3	4	4	5	1. Grades of additional positions will be in same pattern. 2. For Active Component use only.
5	CREW CHIEF	67S2O	SGT	1	1	2	2	3	3	4	4	5	5	
6	CREW CHIEF	67S2O	SGT	1	2	3	4	4	5	6	6	7	8	1. Grades of additional positions will be in same pattern. 2. Reserve Component use only.
7	CREW CHIEF	67S3O	SSG				1	1	1	2	2	2	2	
8	OH-58D HEL TI	67S2F	SGT		1	1	2	2	3	3	4	4	5	Full time positions for technical inspection of OH-58D helicopters and components.
9	OH-58D HEL TI	67S3F	SSG	1	1	2	2	3	3	4	4	5	5	
10	RECOVERY TM LDR	67S2F	SGT											Principal OH-58D acft recovery NCO when a position per line 11 or 12 below is not authorized in: a. AVUM Plt of an Avn Co/Trp. b. AVUM Co of a Bn/Sqdn. c. Avn Intermediate Maint (AVIM) Co.
11	SECTION CHIEF RECOVERY TM LDR	67S3O 67S3F	SSG											1. Principal NCO in a section of 10-19 repairers. 2. One position per AVUM Plt of an Avn Co/Trp, AVUM Co of a Bn/Sqdn or AVIM Co may be titled and coded as Recovery Tm Ldr.
12	OH-58D SUPERVISOR RECOVERY TM LDR	67S3O 67S3F	SSG											1. Supervision of 10-19 repairers when a SFC Acft Maint Supv is authorized in the section. 2. One position per AVUM Plt of an Avn Co/Trp, AVUM Co of a Bn/Sqdn or AVIM Co may be titled and coded as Recovery Tm Ldr.
13	ACFT MAINT SUPV	67S4O	SFC											1. Aircraft support section, maintenance section or comparable unit containing 20 or more soldiers engaged in helicopter maintenance or related activities. 2. Materiel Directorate, Area Support Group. 3. Avn Maint/Materiel or comparable section, HHC/MMC, DIS-COM/COSCOM/TAACOM/TA or Spt Cmd (EAC). 4. Maint Sup/Ops Sec, HHC/HHD, Avn Maint Bn (AVIM). 5. S4 Sec, Avn Maint Bn (AVIM).
14	ACFT QUALITY CON SUPV	67S4F	SFC											Supervision of five or more technical inspectors.
15	PLATOON SERGEANT	67S4O	SFC											Principal NCO in a platoon.
16	DETACHMENT SER- GEANT	67S4O	SFC											Principal NCO in an aircraft maintenance detachment or operational helicopter detachment.

Notes:

<sup>1</sup> \*Blank spaces in this column indicates not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-67S-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	OH-58D REP	67S1O	PFC	1	2	2	2	2	2	3	3	4	5	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	OH-58D REP	67S1O	SPC			1	1	2	3	3	3	3	3	
3	OH-58D REP/TM CH	67S2O	SGT				1	1	1	1	2	2	2	

**Table 10-67S-3**  
Standards of grade TDA—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
4	CREW CHIEF	67S1O	SPC	1	2	3	3	4	4	5	5	6	1. Grades of additional positions will be in same pattern. 2. Active Component use only.	
5	CREW CHIEF	67S2O	SGT	1	1	1	1	2	2	3	3	4		
6	CREW CHIEF	67S2O	SGT	1	2	3	4	4	5	6	6	7	1. Grades of additional positions will be in same pattern. 2. Reserve Component use only.	
7	CREW CHIEF	67S3O	SSG					1	1	1	2	2		
8	OH-58D HEL TI	67S2F	SGT	1	1	2	2	3	3	4	4	5	Full time position for technical inspection of OH-58D helicopters and components.	
9	OH-58D HEL TI	67S3F	SSG	1	1	2	2	3	3	4	4	5		
10	SR OH-58D REP	67S3O	SSG										1. Avn Br, USA Avn & Trp Cmd. 2. USA Joint Aviator Spt Act. Subsequent positions also graded SSG.	
11	SECTION CHIEF	67S3O	SSG										Principal NCO in a section of 10-19 repairers.	
12	OH-58D SUPV	67S3O	SSG										Supervision of 10-19 repairers when a SFC Acft Maint Supv is authorized in the section.	
13	SOMTE NCO	67S3F	SSG										Soldier, Operator, Maintainer, Test and Evaluation (SOMTE) NCO in the USA Avn Tech Test Acty.	
14	ACFT MAINT SUPV	67S4O	SFC										1. Acft sup/maint section or comparable unit containing 20 or more personnel engaged in helicopter maintenance or related activities. 2. Atk/Scout Hel Sec, Avn & Trp Spt Cmd. 3. RAM Data Br, and Maint St Br, Avn Dev Test Acty. 4. Sec Assist Tng Team.	
15	ACFT QUALITY CON SUPV	67S4F	SFC										Supervision of five or more technical inspectors.	
16	PLATOON SERGEANT	67S4O	SFC										Principal NCO in a platoon.	
17	DETACHMENT SER-GEANT	67S4O	SFC										Principal NCO in an aircraft maintenance detachment or operational helicopter detachment.	

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-67T-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8	1. Occasionally lifts/lowers 70 pounds 20 feet.
2	1, 2, 3, 4, 5, 6, 7, 8	2. Occasionally lifts, lowers, walks and carries 40 pounds 28 feet.
3	5, 6, 7, 8	3. Occasionally lifts, lowers, walks and carries 45 pounds 13 feet.
4	5, 6, 7, 8	4. Occasionally pushes 250 pounds 20 feet as part of a 4 soldier team (prorated 63 pounds). 5. Occasionally climbs 15 feet from ground to top of equipment using footholds and grip bars on equipment. 6. Must possess normal color vision. 7. Must possess finger dexterity. 8. Frequently reads detailed technical manuals.

**Table 10-67T-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	UH-60 REP	67T1O	PFC		1	2	3	3	4	5	5	5	6	1. Grades of additional positions will be in same pattern.
2	UH-60 REP	67T1O	SPC	1	1	1	1	1	1	1	1	2	2	2. Positions in Special Ops Avn (SOA) will be graded per lines 4 and 5.
3	UH-60 REP/TM CH	67T2O	SGT					1	1	1	2	2	2	3. Grading pattern will be used for all positions not specifically identified in any other line.
4	UH-60 REP	67T1O	SPC		1	2	3	3	4	5	5	6	7	1. Grades of additional positions will be in same pattern.
5	UH-60 REP/TM CH	67T2O	SGT	1	1	1	1	2	2	2	3	3	3	2. Special Ops Avn (SOA). Use with SQI S. 3. Positions in ALSE Sec of SOA Rgt will be alternately graded SPC and PFC.
6	UH-60 AIR CREWMEMBER	67T1F	PFC		1	2	3	3	4	5	5	6	6	1. Grades of additional positions will be in same pattern.
7	UH-60 AIR CREWMEMBER	67T1F	SPC	1	1	1	1	2	2	2	3	3	4	2. Positions in SOA and Reserve Components will be graded per lines 8 and 9.
8	UH-60 AIR CREWMEMBER	67T1F	SPC	1	1	2	2	3	3	4	4	5	5	1. Grades of additional positions will be in same pattern. 2. Special Ops Avn. 3. Reserve Components.
9	UH-60 AIR CREWMEMBER	67T2F	SGT		1	1	2	2	3	3	4	4	5	
10	UH-60 CREWCHIEF	67T1F	SPC		1	2	3	3	4	5	5	6	6	1. Grades of additional positions will be in same pattern.
11	UH-60 CREWCHIEF	67T2F	SGT	1	1	1	1	2	2	2	3	3	4	2. Active Component only. 3. Positions in SOA will be graded per lines 12 and 13.
12	UH-60 CREWCHIEF	67T2F	SGT	1	1	2	2	3	3	4	4	5	5	1. Grades of additional positions will be in same pattern.
13	UH-60 CREWCHIEF	67T3F	SSG		1	1	2	2	3	3	4	4	5	2. SOA.
14	UH-60 CREWCHIEF	67T2F	SGT	1	2	3	4	4	5	6	6	7	8	1. Grades of additional positions will be in same pattern.
15	UH-60 CREWCHIEF	67T3F	SSG					1	1	1	2	2	2	2. Reserve Component only.
16	UH-60 HEL TI	67T2F	SGT		1	1	2	2	3	3	4	4	5	Full time position for technical inspection of UH-60 helicopters and components.
17	UH-60 HEL TI	67T3F	SSG	1	1	2	2	3	3	4	4	5	5	
18	RECOVERY TM LDR	67T2F	SGT											Principal UH-60 acft recovery NCO when a position per line 19 or 20 below is not authorized in: 1. AVUM Plt of an Avn Co/Trp. 2. AVUM Co of a Bn/Sqdn. 3. Avn Intermediate Maint (AVIM) Co.
19	SECTION CHIEF RECOVERY TM LDR	67T3O 67T3F	SSG											1. Principal NCO of a section of 10 to 19 repairers. 2. Principal Acft Maint NCO in a Aero Medivac Det. 3. Supervision of 5 to 9 repairers in a SOA Maint Sec. Use with SQI S. 4. One position per AVUM Plt of an Avn Co/Trp, AVUM Co of a Bn/Sqdn or AVIM Co may be titled and coded as Recovery Tm Ldr.
20	UH-60 SUPV RECOVERY TM LDR	67T3O 67T3F	SSG											1. Supervision of 10 to 19 repairers when a SFC Acft Maint Supv is authorized in the section. 2. One position per AVUM Plt of an Avn Co/Trp, AVUM Co of a Bn/Sqdn or AVIM Co may be titled and coded as Recovery Tm Ldr.
21	ALSE NCO	67T3O	SSG											ALSE Section, SOA Rgt. Use with SQI S.
22	ACFT MAINT SUPV	67T4O	SFC											1. Aircraft support section, maintenance section or comparable unit containing 20 or more soldiers engaged in helicopter maintenance or related activities. 2. Materiel Directorate, Area Support Group. 3. Avn Maint/Materiel or comparable section, HHC/MMC, DIS-COM/COSCOM/TACOM/TA or Spt Cmd (EAC). 4. Maint Sup/Ops Sec, HHC/HHD, Avn Maint Bn (AVIM). 5. S4 Sec, Avn Maint Bn (AVIM). 6. ALSE Sec, SOA Rgt. 7. Positions in SOA will be coded with SQI S.
23	ACFT QUALITY CON SUPV	67T4O	SFC											1. Supervision of five or more technical inspectors. 2. Qual Assur Sec, Aslt Hel Co, Aslt Hel Bn (SOA).
24	DETACHMENT SER- GEANT	67T4O	SFC											Principal NCO in a aviation detachment.

**Table 10-67T-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
25	PLATOON SERGEANT	67T4O	SFC													Principal NCO in a platoon.

Notes:  
<sup>1</sup> \*Blank spaces in this column indicates not applicable.  
<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.  
<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-67T-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	UH-60 REP	67T1O	PFC		1	2	3	3	4	5	5	5	6			1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	UH-60 REP	67T1O	SPC	1	1	1	1	1	1	1	1	2	2			
3	UH-60 REP/TM CH	67T2O	SGT					1	1	1	2	2	2			
4	UH-60 CREWCHIEF	67T1F	SPC		1	2	3	3	4	5	5	6	6			1. Grades of additional positions will be in same pattern. 2. Active Component only.
5	UH-60 CREWCHIEF	67T2F	SGT	1	1	1	1	2	2	2	3	3	4			
6	UH-60 CREWCHIEF	67T2F	SGT	1	2	3	4	4	5	6	6	7	8			1. Grades of additional positions will be in same pattern. 2. Reserve Component only.
7	UH-60 CREWCHIEF	67T3F	SSG					1	1	1	2	2	2			
8	UH-60 HEL TI	67T2F	SGT	1	1	2	2	3	3	4	4	5				Full time position for technical inspection of UH-60 helicopters and components.
9	UH-60 HEL TI	67T3F	SSG	1	1	2	2	3	3	4	4	5	5			
10	MATL FLDG NCO	67T2O	SGT													PMO ALSE, USA Acq Spt Agcy.
11	SR UH-60 REP	67T3O	SSG													1. Avn Br, USA Avn & Trp Cmd. Subsequent positions also graded SSG. 2. DPRO Sikorsky. Subsequent positions also graded SSG. 3. USA Sec Asst Tng Tm. Subsequent positions also graded SSG.
12	FLIGHT ENGINEER	67T3F	SSG													1. Avn Div, USA Sup Cmd, HI. 2. Priority Air Transport Det (PAT), Andrews AFB. Two subsequent positions also graded SSG. Remaining positions graded SGT.
13	SECTION CHIEF	67T3O	SSG													1. Principal NCO of a section of 10 to 19 repairers. 2. Principal Acft Maint NCO in an Aero Medivac Det. 3. Org Maint Sec, USA Inf Sch.
14	UH-60 SUPV	67T3O	SSG													1. Supervision of 10 to 19 repairers when a SFC Acft Maint Supv is authorized in the section. 2. Rotary Wing Sec, USA Intel Ctr. 3. USA Avn Det, Japan.
15	SOMTE NCO	67T3F	SSG													Soldier, Operator, Maintainer, Test and Evaluation (SOMTE) NCO in the Aviation Technical Test Center. Subsequent positions also graded SSG.
16	ACFT MAINT SGT	67T3O	SSG													Targets Div, US Army Missile Cmd.
17	CAREER MGMT NCO	67T4O	SFC													1. Proponent Ofc, USA Avn Ctr. Subsequent positions also graded SFC.
18	CAREER ADVISOR	67T4O	SFC													PERSCOM. Subsequent positions also graded SFC.
19	ACFT MAINT SUPV	67T4O	SFC													1. Supervision of 20 or more soldiers engaged in helicopter maintenance or related activities. 2. Avn Sec, Res Comp Sup Grp. 3. Bde NVD Sec, USA Avn Ctr. 4. Acft Maint Sec, USAE ALFSEE. 5. USA Prty Air Trans Det, OSACOM. 6. USA Avn Det, Japan. 7. NTC. 8. USA Joint Aviator Spt Act.

**Table 10-67T-3**  
Standards of grade TDA—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
20	ACFT QUALITY CON SUPV	67T4O	SFC												Supervision of five or more technical inspectors.
21	DETACHMENT SER-GEANT	67T4O	SFC												Principal NCO in a aviation detachment.
22	PLATOON SERGEANT	67T4O	SFC												Principal NCO in a platoon.
23	AVN MAINT NCO	67T4O	SFC												1. Avn Br, USA Safety Ctr. 2. Insp & Follow-Up Sec, USA Trans Ctr. 3. Mat Maint Mgt Br, USAG, Ft Polk. 4. USA Avn & Trp Cmd. a. Avn Br. b. OLR Br. c. WSM AGSE Sect. 5. USAE Def Contract Mgmt Cmd. a. MAO Japan. b. WPAFB. c. DPRO Sikorsky. 6. R&D Coord Ofc, USA Avn Research, Dev & Eval Ctr. 7. USA Sec Asst Tng Tm. Subsequent positions also graded SFC. 8. USA Avn & Msl Cmd. a. Log Spt Div. b. WSM Avn Gnd Spt Equip Sect. c. FDD, Korea. d. Targets Div. 9. Sys Integration Maint Ofc, 160th Avn Rgt Aug.
24	PROD CTRL NCO	67T4O	SFC												Org Maint Br, USA Trans Ctr.
25	SAFETY NCO	67T4O	SFC												1. Bn Hq, 12th Avn Bn, OSACOM. 2. Ofc of Asst Comdt, USA Avn Log Sch.
26	TRAINING NCO	67T4O	SFC												Special Ops Avn Tng Co, 160th Avn Rgt Aug.
27	AIRCREW STDZN NCO	67T4F	SFC												Special Ops Avn Tng Co, 160th Avn Rgt Aug.
28	CH INSTR/WTR	67T4H	SFC												Utl Hel Div, USA Avn Log Sch. Subsequent positions also graded SFC.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-67U-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Frequently lifts 100 pounds and carries 30 feet.
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts 315 pounds 20 feet as part of a 4 soldier team (prorated at 79 pounds per soldier).
3	3, 4, 5, 6	3. Frequently pushes 1000 pounds mounted on wheels, as part of 2 soldier team (prorated at 500 pound per soldier).
4	4, 6	4. Must possess normal color vision. 5. Must possess finger dexterity in both hands. 6. Frequently reads detailed technical manuals.

**Table 10-67U-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	CH-47 REP	67U1O	PFC		1	1	1	2	2	3	3	4	4	1. Grades of additional positions will be in same pattern.
2	CH-47 REP	67U1O	SPC		1	1	2	3	3	3	3	4	4	2. Positions in Special Ops Avn (SOA) will be graded per lines 4 and 5.
3	CH-47 REP/TM CH	67U2O	SGT						1	1	1	1	1	3. Grading pattern will be used for all positions not specifically identified in any other line.
4	CH-47 REP	67U1O	SPC		1	2	3	4	4	5	6	7	8	1. Grades of additional positions will be in same pattern.
5	CH-47 REP/TM CH	67U2O	SGT		1	1	1	1	1	2	2	2	2	2. Special Ops Avn (SOA). Use with SQI S. 3. Positions in ALSE Sec, SOA Rgt, will be alternately graded SPC and PFC.
6	FLIGHT ENGINEER	67U2F	SGT		1	2	3	4	4	5	6			1. Grades of additional positions will be in same pattern.
7	FLIGHT ENGINEER	67U3F 67U3FN1	SSG		1	1	1	1	1	2	2	2		2. Only one SSG position per acft section will be coded with ASI N1. 3. Positions in SOA will be graded per lines 8, 9 and 10.
8	FLIGHT ENGINEER	67U1F	SPC			1	1	1	2	2	2	3		1. Grades of additional positions will be in same pattern.
9	FLIGHT ENGINEER	67U2F	SGT		1	1	1	2	2	2	3	3		2. Only one SSG position per acft section will be coded with ASI N1.
10	FLIGHT ENGINEER	67U3F 67U3FN1	SSG		1	1	1	2	2	2	3	3	3	3. Special Ops Avn (SOA).
11	CH-47 HEL TI	67U2F	SGT		1	1	2	2	3	3	4	4	5	Full time position for technical inspection of CH-47 helicopters and components.
12	CH-47 HEL TI	67U3F	SSG		1	1	2	2	3	3	4	4	5	
13	RECOVERY TM LDR	67U2F	SGT											Principal CH-47 acft recovery NCO when a position perline 14 & 15 below is not authorized in: a. AVUM Plt of an Avn Co/Trp. b. AVUM Co of a Bn/Sqdn. c. Avn Intermediate Maint (AVIM) Co.
14	SECTION CHIEF RECOVERY TM LDR	67U3O 67U3F	SSG											1. Principal NCO in a section of 10 to 19 repairers. 2. Principal NCO in a SOA Maint Sec of five to nine repairers. Use with SQI S. 3. One position per AVUM Plt of an Avn Co, AVUM Co of a Bn/Sqdn or AVIM Co may be titled and coded as Recovery Tm Ldr.
15	CH-47 SUPV RECOVERY TM LDR	67U3O 67U3F	SSG											1. Supervision of 10 to 19 repairers when a SFC Acft Maint Supv is authorized in the section. 2. One position per AVUM Plt of an Avn Co, AVUM Co of a Bn/Sqdn or AVIM Co may be titled and coded as Recovery Tm Ldr.
16	ALSE NCO	67U3O	SSG											ALSE Sec, SOA Regt. Use with SQI S.
17	FLT ENG STDZN NCO	67U3FN1	SSG											Principal CH-47 flight engineer stdzn NCO in a Med Hel Co.
18	FLT ENG STDZN NCO	67U4FN1	SFC											Principal CH-47 flight engineer stdzn NCO in a Med Hel Bn.
19	PLATOON SERGEANT	67U4O	SFC											1. Principal NCO in a platoon. 2. Principal NCO in the AVIM Plt Hq/Prod Ctrl Sec, Avn Maint Co (AVUM/AVIM), SOA Med Hel Bn and SOA Avn Bn. Use with SQI S.
20	DETACHMENT SER- GEANT	67U4O	SFC											Principal NCO in an aircraft maintenance detachment or operations helicopter detachment.
21	ACFT MAINT SUPV	67U4O	SFC											1. Aircraft support, maintenance section or comparable unit containing 20 or more soldiers engaged in helicopter maintenance or related activities. 2. Materiel Directorate, Area Support Group. 3. Avn Maint/Materiel or comparable section, HHC/MMC, DIS-COM/COSCOM/TACOM/TA or Spt Cmd (EAC). 4. Maint Sup/Ops Sec, HHC/HHD, Avn Maint Bn (AVIM). 5. S4 Sec, Avn Maint Bn (AVIM). 6. Positions in SOA will be coded with SQI S.
22	ACFT QUALITY CON SUPV	67U4O	SFC											Supervision of five or more technical inspectors.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-67U-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	CH-47 REP	67U1O	PFC		1	1	1	2	2	3	3	4	4	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	CH-47 REP	67U1O	SPC		1	1	2	3	3	3	3	4	4	5
3	CH-47 REP/TM CH	67U2O	SGT							1	1	1	1	1
4	FLIGHT ENGINEER	67U2F	SGT		1	2	3	4	4	5	6			Only one SSG position per aircraft section will be coded with ASI N1.
5	FLIGHT ENGINEER	67U3F 67U3FN1	SSG		1	1	1	1	1	2	2	2		
6	CH-47 HEL TI	67U2F	SGT		1	1	2	2	3	3	3	4	5	Full time position for the technical inspection of CH-47 helicopters and components. Avn Br, USA Avn & Trp Cmd. Subsequent positions also graded SSG.
7	CH-47 HEL TI	67U3F	SSG		1	1	2	2	3	3	4	4	5	5
8	SR CH-47 REP	67U3O	SSG											Avn Br, USA Avn & Trp Cmd. Subsequent positions also graded SSG.
9	SECTION CHIEF	67U3O	SSG											Principal NCO in a section of 10 to 19 repairers.
10	CH-47 SUPV	67U3O	SSG											Supervision of 10 to 19 repairers when a SFC Acft Maint Supv is authorized in the section.
11	SOMTE NCO	67U3F	SSG											Soldier, Operator, Maintainer, Test and Evaluation (SOMTE) NCO in Avn Tech Test Acty. Subsequent positions also graded SSG.
12	FLT ENG STDZN INSTR	67U4FN1	SFC											1. Cargo Sec, USA Avn Ctr. Subsequent positions graded SSG. 2. Special Ops Avn Tng Co, 160th Avn Rgt Aug.
13	PLATOON SERGEANT	67U4O	SFC											Principal NCO in a platoon.
14	DETACHMENT SERGEANT	67U4O	SFC											Principal NCO in an acft maint det or operational helicopter det.
15	ACFT MAINT SUPV	67U4O	SFC											1. Aircraft support, maintenance section or comparable unit containing 20 or more personnel engaged in helicopter maintenance or related activities. 2. Avn Lift/UH Br, Avn Sys Cmd. 3. Mnt Eng Acft Sys Br, Avn Sys Cmd. 4. Ram Data Br, Avn Dev Test Acty.
16	ACFT MAINT NCO	67U4O	SFC											1. OLR Br, USA Avn & Trp Cmd. 2. DPRO BOEING. Subsequent positions also graded SFC. 3. USA Reserve Coord Ele. 4. FDD Ft Bragg, USA Avn & Msl Cmd. 5. Sys Integration maint Ofc, 160th Avn Rgt Aug.
17	ACFT QUALITY CON SUPV	67U4O	SFC											Supervision of five or more technical inspectors.
18	CHIEF INSTR/WTR	67U4O	SFC											Cargo Hel Div, USA Avn Log Sch.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-67V-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8, 9	1. Constantly lifts 45 pounds and carries 1/4 mile.
2	1, 2, 3, 4, 5, 6, 7, 8, 9	2. Constantly lifts and lowers 75 pounds 6 inches.
3	7, 9	3. Occasionally lifts 150 pounds and carries 12 feet as part of a 2 soldier team (prorated 75 pounds). 4. Frequently lifts 400 pounds and carries 50 feet as part of a 4 soldier team (prorated 100 pounds). 5. Occasionally lifts 50 pounds and climbs 5 feet. 6. Occasionally pushes and pulls 82 pounds 6 inches. 7. Must possess normal color vision.

**Table 10-67V-1  
Physical requirements—Continued**

Skill level	Task numbers	Tasks
		8. Must possess finger dexterity in both hands. 9. Frequently reads detailed technical manuals.

**Table 10-67V-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	OBSN/SCOUT HEL REP	67V1O	PFC	1	2	2	2	3	4	5	5	6	6	6	1. Grades of additional positions will be in same pattern. 2. Positions in Special Ops Avn (SOA) will be graded per line 16.
2	OBSN/SCOUT HEL REP	67V1O	SPC			1	1	1	1	1	1	1	2	3. Grading pattern will be used for all positions not specifically identified in any other line.	
3	OBSN/SCOUT REP/TM CH	67V2O	SGT				1	1	1	1	2	2	2		
4	CREW CHIEF	67V1O	SPC	1	1	1	2	2	3	3	4	4	5	1. Grades of additional positions will be in same pattern. 2. Active Component only. 3. Positions in SOA graded per lines 6 and 7.	
5	CREW CHIEF	67V2O	SGT		1	2	2	3	3	4	4	5	5		
6	CREW CHIEF	67V2O	SGT	1	2	3	4	5	6	7	8	8	9	1. Grades of additional positions will be in same pattern. 2. Reserve Component and SOA only. 3. SOA positions will be coded with SQI S.	
7	CREW CHIEF	67V3O	SSG										1	1	
8	OBSN/SCOUT HEL TI	67V2F	SGT		1	1	2	2	3	3	4	4	5	Full time positions for technical inspection of observation/scout helicopters and components.	
9	OBSN/SCOUT HEL TI	67V3F	SSG	1	1	2	2	3	3	4	4	5	5		
10	AEROSCOUT OB-SERVER	67V1F	PFC			1	1	1	2	2	2	3	3	1. Grades of additional positions will be in same pattern. 2. Active Component use only.	
11	AEROSCOUT OB-SERVER	67V1F	SPC		1	1	2	2	2	3	3	3	3		
12	AEROSCOUT OBS SEC SGT	67V2F	SGT	1	1	1	1	1	1	1	2	2	3		
13	AEROSCOUT OBS SEC SGT	67V3F	SSG					1	1	1	1	1	1		
14	AEROSCOUT OBS SGT	67V2F	SGT	1	2	3	4	4	5	6	6	7	8	1. Grades of additional positions will be in same pattern. 2. Reserve Component use only.	
15	AEROSCOUT OBS SEC SGT	67V3F	SSG					1	1	1	2	2	2		
16	OBSN/SCOUT HEL REP	67V2S	SGT											Special Ops Avn maint section. Subsequent positions graded SPC.	
17	RECOVERY TM LDR	67V2F	SGT											Principal observation/scout acft recovery NCO when a position per line 12 below is not authorized in: a. AVUM Plt of an Avn Co/Trp. b. AVUM Co of a Bn/Sqdn. c. Avn Intermediate Maint (AVIM) Co.	
18	SECTION CHIEF RECOVERY TM LDR	67V3O 67V3F	SSG											1. Principal NCO in a section of 10 to 19 repairers. 2. Supervision of five to nine repairers in a SOA Maint Sec. Use with SQI S. 3. One position per AVUM Plt of an Avn Co/Trp, AVUM Co of a Bn/Sqdn or AVIM Co may be titled and coded as Recovery Tm Ldr.	
19	OBSN/SCOUT HEL SUPV RECOVERY TM LDR	67V3O 67V3F	SSG											1. Supervision of 10 to 19 repairers when a SFC Acft Maint Supv is authorized in the section. 2. One position per AVUM Plt of an Avn Co/Trp, AVUM Co of a Bn/Sqdn or AVIM Co may be titled and coded as Recovery Tm Ldr.	
20	AEROSCOUT OBS STAN NCO	67V3F	SSG											1. Principal Aeroscout Observer Standardization NCO in HHC/HHT, Bn/Sqdn. 2. Serves as Bn/Sqdn Cdr's Aeroscout Observer.	

**Table 10-67V-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
21	ALSE NCO	67V3O	SSG													ALSE Section, SOA Reqt. Use with SQI S.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-67V-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	OBSN/SCOUT HEL REP	67V1O	PFC	1	2	2	2	3	4	5	5	6	6	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	OBSN/SCOUT HEL REP	67V1O	SPC		1	1	1	1	1	1	1	1	2	
3	OBSN/SCOUT REP/TM CH	67V2O	SGT			1	1	1	1	2	2	2		
4	CREW CHIEF	67V1O	SPC	1	1	1	2	2	3	3	4	4	5	1. Grades of additional positions will be in same pattern. 2. Active Component only.
5	CREW CHIEF	67V2O	SGT		1	2	2	3	3	4	4	5	5	
6	CREW CHIEF	67V2O	SGT	1	2	3	4	5	6	7	8	8	9	1. Grades of additional positions will be in same pattern. 2. Reserve Component only.
7	CREW CHIEF	67V3O	SSG									1	1	
8	OBSN/SCOUT HEL TI	67V2F	SGT		1	1	2	2	3	3	4	4	5	Full time positions for technical inspection of observation/scout helicopters and components.
9	OBSN/SCOUT HEL TI	67V3F	SSG	1	1	2	2	3	3	4	4	5	5	
10	AEROSCOUT OB-SERVER	67V1F	PFC			1	1	1	2	2	2	3	3	1. Grades of additional positions will be in same pattern. 2. Active Component use only.
11	AEROSCOUT OB-SERVER	67V1F	SPC		1	1	2	2	2	3	3	3	3	
12	AEROSCOUT OBS SEC SGT	67V2F	SGT	1	1	1	1	1	1	1	2	2	3	
13	AEROSCOUT OBS SEC SGT	67V3F	SSG					1	1	1	1	1	1	
14	AEROSCOUT OBS SGT	67V2F	SGT	1	2	3	4	4	5	6	6	7	8	1. Grades of additional positions will be in same pattern. 2. Reserve Component use only.
15	AEROSCOUT OBS SEC SGT	67V3F	SSG					1	1	1	2	2	2	
16	SECTION CHIEF	67V3O	SSG											Principal NCO in a section of 10 to 19 repairers.
17	OBSN/SCOUT HEL SUPV	67V3O	SSG											Supervision of 10 to 19 repairers when a SFC Acft Maint Supv is authorized in the section.

Notes:

1. \*Blank spaces in this column indicate not applicable.

2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-67Y-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7	1. Frequently pushes 1000 pounds as part of a 2 soldier team (prorated 500 pounds).
2	1, 2, 3, 4, 5, 6, 7	2. Frequently lifts 230 pounds and carries 5 feet as part of a 4 soldier team (prorated 58 pounds).
3	5, 7	3. Frequently lifts and lowers 75 pounds 6 inches.
4	5, 7	4. Frequently climbs 8 feet. 5. Must possess normal color vision. 6. Must possess finger dexterity in both hands. 7. Frequently reads detailed technical manuals.

**Table 10-67Y-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	AH-1 REP	67Y1O	PFC	1	2	2	2	3	4	5	5	6	6	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	AH-1 REP	67Y1O	SPC			1	1	1	1	1	1	1	2	
3	AH-1 REP/TM CH	67Y2O	SGT				1	1	1	1	2	2	2	
4	CREW CHIEF	67Y1O	SPC	1	1	1	2	2	3	3	4	4	5	1. Grades of additional positions will be in same pattern. 2. Active Component only.
5	CREW CHIEF	67Y2O	SGT		1	2	2	3	3	4	4	5	5	
6	CREW CHIEF	67Y2O	SGT	1	2	3	4	4	5	6	6	7	8	1. Grades of additional positions will be in same pattern. 2. Reserve Component only.
7	CREW CHIEF	67Y3O	SSG					1	1	1	2	2	2	
8	AH-1 TI	67Y2F	SGT	1	1	2	2	3	3	4	4	5		Full time positions for technical inspection of observation/scout helicopters and components.
9	AH-1 TI	67Y3F	SSG	1	1	2	2	3	3	4	4	5		
10	RECOVERY TM LDR	67Y2F	SGT											Principal AH-1 acft recovery NCO when a position per line 11 or 12 below is not authorized in: 1. AVUM Plt of an Avn Co/Trp. 2. AVUM Co of a Bn/Sqdn. 3. Avn Intermediate Maint (AVIM) Co.
11	SECTION CHIEF RECOVERY TM LDR	67Y3O 67Y3F	SSG											1. Principal NCO in a section of 10 to 19 repairers. 2. One position per AVUM Plt of an Avn Co/Trp, AVUM Co of a Bn/Sqdn or AVIM Co may be titled and coded as Recovery Tm Ldr.
12	AH-1 SUPV RECOVERY TM LDR	67Y3O 67Y3F	SSG											1. Supervision of 10 to 19 repairers when a SFC Acft Maint Supv is authorized in the section. 2. One position per AVUM Plt of an Avn Co/Trp, AVUM Co of a Bn/Sqdn or AVIM Co may be titled and coded as Recovery Tm Ldr.
13	PLATOON SERGEANT	67Y4O	SFC											Principal NCO in a platoon.
14	DETACHMENT SER- GEANT	67Y4O	SFC											Principal NCO in an aircraft maintenance detachment or operational helicopter detachment.
15	ACFT MAINT SUPV	67Y4O	SFC											1. Aircraft support, maintenance section or comparable unit containing 20 or more soldiers engaged in helicopter maintenance or related activities. 2. Materiel Directorate, Area Support Group. 3. Avn Maint/Materiel or comparable section, HHC/MMC, DIS-COM/COSCOM/TAACOM/TA or Spt Cmd (EAC). 4. Maint Sup/Ops Sec, HHC/HHD, Avn Maint Bn (AVIM). 5. S4 Sec, Avn Maint Bn (AVIM). 6. Positions in SOA will be coded with SQI S.
16	ACFT QUALITY CON SUPV	67Y4F	SFC											Supervision of five or more technical inspectors.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-67Y-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	AH-1 REP	67Y1O	PFC	1	2	2	2	3	4	5	5	6	6	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	AH-1 REP	67Y1O	SPC			1	1	1	1	1	1	1	2	
3	AH-1 REP/TM CH	67Y2O	SGT				1	1	1	1	2	2	2	
4	CREW CHIEF	67Y1O	SPC	1	1	1	2	2	3	3	4	4	5	1. Grades of additional positions will be in same pattern. 2. Active Component use only.
5	CREW CHIEF	67Y2O	SGT	1	1	2	2	3	3	4	4	5	5	
6	CREW CHIEF	67Y2O	SGT	1	2	3	4	4	5	6	6	7	8	1. Grades of additional positions will be in same pattern. 2. Reserve Component use only.
7	CREW CHIEF	67Y3O	SSG				1	1	1	2	2	2	2	
8	AH-1 ATTACK HEL TI	67Y2F	SGT		1	1	2	2	3	3	4	4	5	Full time positions for technical inspection of Army helicopters and components.
9	AH-1 ATTACK HEL TI	67Y3F	SSG	1	1	2	2	3	3	4	4	5	5	
10	SR AH-1 REP	67Y3O	SSG											USA Sec Asst Tng Tm. Subsequent positions also graded SSG.
11	SECTION CHIEF	67Y3O	SSG											Principal NCO in a section of 10 to 19 repairers.
12	AH-1 SUPV	67Y3O	SSG											Supervision of 10 to 19 repairers when a SFC Acft Maint Supv is authorized in the section.
13	PLATOON SERGEANT	67Y4O	SFC											Principal NCO in a platoon.
14	DETACHMENT SER-GEANT	67Y4O	SFC											Principal NCO in an aircraft maintenance detachment or operational helicopter detachment.
15	ACFT MAINT SUPV	67Y4O	SFC											Aircraft support, maintenance section or comparable unit containing 20 or more soldiers engaged in helicopter maintenance or related activities.
16	ACFT MAINT NCO	67Y4O	SFC											1. USA Reserve Coord Elm. 2. USA Sec Asst Tng Tm. Subsequent positions also graded SFC.
17	ACFT QUALITY CON SUPV	67Y4O	SFC											Supervision of five or more technical inspectors.
18	CH INSTR/WTR	67Y4H	SFC											AH-1 Atk Hel Div, USA Avn Log Sch.

Notes:

1. \*Blank spaces in this column indicates not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-67Z-1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2	1. Must possess normal color vision. 2. Must read detailed technical manuals.

**Table 10-67Z-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	ACFT PROD CTRL NCO	67Z5O	MSG	1. Principal acft prod con NCO in aviation intermediate maintenance (AVIM) organizations. 2. Principal NCO in Prod Ctrl Sec, Avn Maint Co (AVUM/AVIM) in: a. Special Ops Avn (SOA) Aslt Hel Bn. Use with SQI S. b. SOA Medium Hel Bn. Use with SQI S.
2	Acft maint sgt	67Z5O	MSG	Principal aircraft maintenance NCO in an aviation battalion.

**Table 10-67Z-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Explanatory notes
2	OPERATIONS SERGEANT	67Z50	MSG	1. Principal NCO in S2/S3 of: a. Avn Maint Bn (AVIM). b. Div Avn Spt Bn (DASB). 2. Spt Ops Sec, DASB. 3. S4, TASOC.
3	ACFT MAINT MGR	67Z50	MSG	1. Maint/Sup Ops Sec, Avn Maint Bn (AVIM). 2. Principal NCO in: a. Avn Maint/Materiel or comparable sections, HHC, COSCOM/TAACOM/TA or Spt Cmd (EAC). b. Avn Maint/Materiel or comparable sections, HHC/MMC, Div Spt Cmd (DISCOM) when a SGM Sr Acft Maint Mgr is not authorized per line 5. c. Avn Maint/Materiel or comparable sections, MMC, COSCOM/ TAACOM/TA when a SGM Sr Acft Maint Mgr is not authorized per line 5.
4	FIRST SERGEANT	67Z5M	1SG	1. Principal NCO in a company. 2. Principal NCO in a Special Ops Avn (SOA) Detachment.
5	SR ACFT MAINT MGR	67Z50	SGM	Principal acft maint/materiel NCO in: a. HHC/MMC, DISCOM. b. MMC, COSCOM/TAACOM/TA.

Notes:

1. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-67Z-3**  
**Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	ACFT PROD CTRL NCO	67Z50	MSG	Prod Ctrl, Acft Classification & Repair Depot (AVCRAD).
2	ACFT MAINT SGT	67Z50	MSG	1. Avn Sys Sec, USA Safety Ctr. 2. Maint Div, USA Intel and Scty Cmd. 3. Prod Ctrl Sec, 70th Trans Bn (Aug) 4. Avn Div, Hq, 2nd, 5th and 6th U.S. Army RC Spt Gp. 5. Hel Maint Equip Div, USA Equip Eval Acty. 6. Cmd Maint Sec, USA Operational Spt Airlift Cmd. 7. Big Crow Program, USA White Sands Msl Rge. 8. USA Priority Air Transport (PAT) Det, Andrews AFB. 9. Sys Integration Maint Off, 160th Avn Rgt Aug. 10. Force Analysis Br, USA Avn Ctr. 11. Avn Div, USA Trans Ctr. 12. Material/Maint Mgmt Br, USAG, JRTC & Ft Polk. 13. Tng Spt Bde, Ft Riley. a. C Co (AVUM). b. F Co (AVUM). 14. High Tech & Maint Br, FORSCOM Hq. 15. USA Security Asst Tng Teams. 16. Avn Br/Div, USA RC Spt Grp. 17. AVCRAD. a. Quality Control Br/Div. b. Maintenance Div. c. Component Repair Br/Div. d. Engine Repair & Test Cell. 18. 6th Army Spt Ctr Aug. 19. Avn Div/Staff Avn Sec, State Area Cmd (STARC) Hq.
3	ACFT MAINT MGR	67Z50	MSG	1. USAE Def Contract Mgt Ofc. a. DPRO Boeing. b. APMO South. c. APMO Ozark. 2. Trans Br, USA Space & Strategic Def Cmd.
4	OPERATIONS SERGEANT	67Z50	MSG	1. Plans & Ops Ofc, USA Missile Cmd. 2. S2/S3, USA Trans Sch. 3. USA Reserve Coord Elm. a. ARNG Cat B, Indian Town Gap. b. USA Avn Log Sch. c. USA Avn Ctr. 4. USAALS Spt Gp, USA Avn Log School.

**Table 10-67Z-3**  
**Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
5	FIRST SERGEANT	67Z5M	1SG	Principal NCO in a company.
6	SR CAREER ADVISOR	67Z5O	MSG	Avn/Trans Br, U.S. Total Army Pers Cmd.
7	ACFT MAINT SENIOR SGT	67Z5O	SGM	1. Avn Div, Hq, TRADOC. 2. USA Force Management Spt Agcy (USAFMSA). 3. Ofc of Cdr, AVCRAD. 4. Avn Res Mgt Svy, USA Reserve Cmd, Atlanta. 5. Hq, STARC, ARNG. 6. Avn Div, Joint Readiness Tng Ctr. 7. Log Spt Div, USA Missile Cmd. 8. Tng Spt Bde, Ft Riley. a. Tng Spt Bn Avn, Ft Hood. b. Tng Spt Bn Avn, Ft Riley.
8	SR OPERATIONS SGT	67Z5O	SGM	USARNG AVCRAD Mobilization Control Elm.
9	DIVISION CHIEF	67Z5O	SGM	1. USA Avn Log Sch (USAALS). a. Cargo Hel Div. b. Utility Hel Div. c. Advanced Avn Log Tng Div. d. Electrical & Electronics Div. e. Structural & Pseudraulics Div. f. Propulsion & Powertrain Div. g. OH-58D Scout Hel Div. h. AH-64 Advanced Atk Hel Div. 2. Maint Tng Div, USA Avn Ctr (USAAVNC).
10	AVN SR SGT	67Z5O	SGM	1. Ofc of Cdr, USA Avn Tech Ctr. 2. Ofc of Asst Cndt, USAALS. 3. Ofc of Cdr, USA Safety Ctr.

Notes:

1. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-68B-1**  
**Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Frequently lifts 225 pounds and carries 5 feet as part of a 4 soldier team (prorated 57 pounds).
2	1, 2, 3, 4, 5, 6	2. Frequently pushes and pulls 700 pounds as part of a 4 soldier team (prorated 175 pounds).
3	5, 6	3. Frequently climbs 10 feet. 4. Must possess normal color vision. 5. Must possess finger dexterity in both hands. 6. Frequently reads and interprets detailed technical manuals and drawings.

**Table 10-68B-2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	ACFT POWERPLANT REP	68B1O	PFC			1	2	2	2	2	2	3	3	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	ACFT POWERPLANT REP	68B1O	SPC	1	1	1	1	2	2	2	2	2	3	
3	ACFT POWERPLANT REP	68B2O	SGT	1	1	1	1	1	1	2	2	2		
4	ACFT POWERPLANT REP	68B3O	SSG						1	2	2	2		
5	ACFT POWERPLANT SUPV	68B3O	SSG											1. Supervision of 6 to 15 repairers. 2. Subsystems Rep Sec, Avn Maint Co (AVUM/AVIM), SOA Med Hel Bn. Use with SQI S. 3. Acft Component Rep Plt, Avn Maint Co (AVUM/AVIM), SOA Aslt Hel Bn and SOA Avn Bn. Use with SQI S.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-68B-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	ACFT POWERPLANT REP	68B1O	PFC			1	2	2	2	3	3	3	4	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	ACFT POWERPLANT REP	68B1O	SPC	1	1	1	1	2	2	2	3	3	3	
3	ACFT POWERPLANT REP	68B2O	SGT	1	1	1	1	1	1	1	2	2		
4	ACFT POWERPLANT REP	68B3O	SSG						1	1	1	1		
5	ACFT POWERPLANT SUPV	68B3O	SSG											Supervision of 6 to 15 repairers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-68D-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts 540 pounds and carries 3 feet as part of a 4 soldier team (prorated 135 pounds).
2	1, 2, 3, 4, 5	2. Frequently lifts 130 pounds and carries 15 feet as part of a 2 soldier team (prorated 65 pounds).
3	3, 4, 5	3. Must possess normal color vision. 4. Must possess finger dexterity in both hands. 5. Frequently reads and interprets detailed technical manuals and drawings.

**Table 10-68D-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	ACFT POWERTRAIN REP	68D1O 68D1ON2	PFC			1	2	2	2	3	3	3	4	1. Grades of additional positions will be in same pattern. 2. Positions in Special Ops Avn (SOA) will be graded per lines 5 and 6.
2	ACFT POWERTRAIN REP	68D1O 68D1ON2	SPC	1	1	1	1	2	2	2	3	3	3	3. Positions associated with Nondestructive Test Equipment will be coded with ASI N2.
3	ACFT POWERTRAIN REP	68D2O 68D2ON2	SGT	1	1	1	1	1	1	1	2	2	4. Grading pattern will be used for all positions not specifically identified in any other line.	
4	ACFT POWERTRAIN REP	68D3O 68D3ON2	SSG						1	1	1	1		
5	ACFT POWERTRAIN REP	68D1O 68D1ON2	SPC	1	2	3	3	3	4	5	6	7	1. Grades of additional positions will be in same pattern. 2. Special Ops Avn (SOA) units. Use with SQI S.	
6	ACFT POWERTRAIN REP	68D2O 68D2ON2	SGT	1	1	1	1	2	3	3	3	3	3. Positions associated with Nondestructive Test Equipment will be coded with ASI N2.	
7	ACFT POWERTRAIN SUPV	68D3O 68D3ON2	SSG										1. Supervision of 6 to 19 repairers. 2. Component Repair Plt, Avn Maint Co (AVUM/AVIM), SOA Aslt Hel Bn and SOA Avn Bn. Use with SQI S. 3. Subsystems Repair Sec, Avn Maint Co (AVUM/AVIM), SOA Medium Hel Bn. Use with SQI S. 4. Positions associated with Nondestructive Test Equipment will be coded with ASI N2.	

**Notes:**

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-68D-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	ACFT POWERTRAIN REP	68D1O 68D1ON2	PFC			1	2	2	2	3	3	3	4	1. Grades of additional positions will be in same pattern. 2. Positions associated with Nondestructive Test Equip will be coded with ASI N2.
2	ACFT POWERTRAIN REP	68D1O 68D1ON2	SPC	1	1	1	1	2	2	2	3	3	3	3. Grading pattern will be used for all positions not specifically identified in any other line.
3	ACFT POWERTRAIN REP	68D2O 68D2ON2	SGT	1	1	1	1	1	1	1	2	2		
4	ACFT POWERTRAIN REP	68D3O 68D3ON2	SSG						1	1	1	1		
5	SHOP CHIEF	68D3O	SSG											1. Prop & Rotor Shop, 1st USASPT, Sinai. 2. Avn Det, Japan.
6	ACFT POWERTRAIN SUPV	68D3O 68D3ON2	SSG											1. Supervision of 6 to 19 repairers. 2. Positions associated with Nondestructive Test Equip will be coded with ASI N2.

**Notes:**

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-68F-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7	1. Frequently lifts 85 pounds 4 feet and carries 50 feet.
2	1, 2, 3, 4, 5, 6, 7	2. Occasionally lifts 55 pounds 6 feet and carries 50 feet.
3	4, 5, 6, 7	3. Occasionally pushes and pulls 1000 pounds as part of a 2 soldier team (prorated 500 pounds). 4. Frequently climbs 12 feet. 5. Must possess normal color vision. 6. Must possess finger dexterity in both hands. 7. Frequently reads and interprets detailed technical manuals and schematic diagrams.

**Table 10-68F-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	AIRCRAFT ELECTRICIAN	68F1O	PFC			1	1	2	3	3	3				1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	AIRCRAFT ELECTRICIAN	68F1O	SPC	1	1	1	2	2	2	2	3				
3	AIRCRAFT ELECTRICIAN	68F2O	SGT	1	1	1	1	1	2	2					
4	ACFT ELECTRICIAN SUPV	68F3O	SSG												1. Supervision of section comprised of four or more aircraft electricians and avionic mechanics. 2. Positions in SOA will be coded with SQI S.

Notes:

<sup>1</sup> \*Blank spaces in this column indicates not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-68F-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	AIRCRAFT ELECTRICIAN	68F1O	PFC			1	2	2	3	3	3				1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	AIRCRAFT ELECTRICIAN	68F1O	SPC	1	1	1	1	1	1	1	2				
3	AIRCRAFT ELECTRICIAN	68F2O	SGT	1	1	1	2	2	3	3					
4	ACFT ELECTRICIAN SUPV	68F3O	SSG												Supervision of section comprised of four or more aircraft electricians and avionic mechanics.

Notes:

1. \*Blank spaces in this column indicate not applicable.

2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-68G-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Constantly lifts 50 pounds and carries 50 feet.
2	1, 2, 3, 4, 5, 6	2. Frequently pushes and pulls 1000 pounds as part of a 2 soldier team (prorated 500 pounds).
3	4, 5, 6	3. Frequently climbs 12 feet. 4. Must possess normal color vision. 5. Must possess finger dexterity in both hands. 6. Frequently reads and interprets detailed technical manuals and drawings.

**Table 10-68G-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	ACFT STRUCT REP	68G1O	PFC		1	1	1	1	2	3	3	3	4	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	ACFT STRUCT REP	68G1O	SPC		1	1	1	1	2	2	2	3	3	
3	ACFT STRUCT REP	68G2O	SGT			1	1	1	1	1	1	2	2	
4	ACFT STRUCT REP	68G3O	SSG				1	1	1	1	1	1	1	
5	ACFT STRUCT REP SUPV	68G3O	SSG											1. Supervision of 6 to 19 repairers. 2. AVUM Struc Rep Sec, Avn Maint Co (AVUM/AVIM), SOA Med Hel Bn. Use with SQI S. 3. Acft Comp Rep Plt, Avn Maint Co (AVUM/AVIM), SOA Aslt Hel Bn and SOA Avn Bn. Use with SQI S.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-68G-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	ACFT STRUCT REP	68G1O	PFC			1	2	2	2	3	3	3	4	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	ACFT STRUCT REP	68G1O	SPC		1	1	1	1	2	2	2	3	3	
3	ACFT STRUCT REP	68G2O	SGT			1	1	1	1	1	1	2	2	
4	ACFT STRUCT REP	68G3O	SSG						1	1	1	1	1	
5	ACFT STRUCT REP SUPV	68G3O	SSG											Supervision of 6 to 19 repairers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-68H-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts 50 pounds, carries 50 feet, and lowers.
2	1, 2, 3, 4, 5	2. Occasionally lifts 70 pounds and carries 20 feet.
3	4, 5	3. Must possess normal color vision. 4. Must possess finger dexterity in both hands. 5. Frequently reads and interprets detailed technical manuals and drawings.

**Table 10-68H-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	ACFT PNEUDRAULICS REP	68H1O	PFC			1	2	2	3	3	3	3	4		1. Grades of additional positions will be in same pattern. 2. Positions in Special Ops Avn (SOA) graded per lines 5 and 6. 3. Grading pattern will be used for all positions not specifically identified in any other line.
2	ACFT PNEUDRAULICS REP	68H1O	SPC	1	1	1	1	1	1	1	1	2	2		
3	ACFT PNEUDRAULICS REP	68H2O	SGT		1	1	1	1	1	2	2	2	2		
4	ACFT PNEUDRAULICS REP	68H3O	SSG				1	1	1	2	2	2			
5	ACFT PNEUDRAULICS REP	68H1O	SPC		1	2	3	4	4	5	6	7	8		1. Grades of additional positions will be in same pattern. 2. Special Ops Avn (SOA). Use with SQI S.
6	ACFT PNEUDRAULICS REP	68H2O	SGT	1	1	1	1	1	2	2	2	2	2		
7	ACFT PNEUDRAULICS SUPV	68H3O	SSG												Supervision of 6 to 19 repairers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-68H-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	ACFT PNEUDRAULICS REP	68H1O	PFC			1	2	2	2	3	3	3	4		1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	ACFT PNEUDRAULICS REP	68H1O	SPC	1	1	1	1	2	2	2	3	3	3		
3	ACFT PNEUDRAULICS REP	68H2O	SGT		1	1	1	1	1	1	1	2	2		
4	ACFT PNEUDRAULICS REP	68H3O	SSG					1	1	1	1	1			
5	ACFT PNEUDRAULICS SUPV	68H3O	SSG												Supervision of 6 to 19 repairers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-68J-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lift/lower and carry 80 pounds.
2	1, 2, 3, 4, 5	2. Frequently lift/lower 250 pounds up/down 5 feet and carry varying distances as part of a 3 soldier team (prorated at 83.2 pounds per soldier).
3	3, 4, 5	3. Frequently lift/lower and carry 490 pounds as part of a 4 soldier team (prorated at 122.5 pounds per soldier).
4	4, 5	4. Must possess finger dexterity. 5. Must possess normal color vision.

**Table 10-68J-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	ACFT ARM/MSL SYS REP	68J1O	PFC			1	1	2	2	2	3	3	3	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	ACFT ARM/MSL SYS REP	68J1O	SPC	1	1	1	2	2	3	3	3	4	4	
3	ACFT ARM/MSL SYS REP	68J2O	SGT	1	1	1	1	1	2	2	2	3		
4	ACFT ARMAMENT TI	68J2F	SGT	1	1	2	2	3	3	4	4	5		Full time positions for technical inspection of acft armament systems and components.
5	ACFT ARMAMENT TI	68J3F	SSG	1	1	2	2	3	3	4	4	5	5	
6	SR ARM/MSL SYS REP	68J3O	SSG											1. Avn Materiel Br, HHC, COSCOM/TAACOM. 2. Avn Maint Br, MMC, COSCOM/TAACOM.
7	SECTION CHIEF	68J3O	SSG											1. Principal NCO in a section of nine to 14 repairers. 2. Arm Sec, Aslt Hel Co (MH60), SOA Aslt Hel Bn. Use with SQI S. 3. Acft Arm Rep Sec, Avn Maint Co (AVUM/AVIM), SOA Med Hel Bn. Use with SQI S.
8	ARM/MSL SYS SUPV	68J3O	SSG											Supervision of 9 to 14 repairers when a SFC Armt Repair Supv is authorized in the section.
9	ACFT ARM/MSL SYS SUPV	68J4O	SFC											Principal NCO in a section of 15 or more subordinate repairers. If a platoon sergeant 68J4O is the next level supervisor, grade/title per line 7 or 8.
10	ACFT ARM/MSL SYS SGT	68J4O	SFC											1. Materiel Directorate, Area Support Group. 2. Avn Maint/Materiel or comparable section, HHC/MMC, DIS-COM/COSCOM/TAACOM/TA or Spt Cmd (EAC). 3. Maint Sup/Ops Sec, HHC/HHD, Avn Maint Bn (AVIM). 4. Principal NCO in a SOA Acft Armament Repair Sec. Use with SQI S.
11	PLATOON SERGEANT	68J4O	SFC											Principal NCO in a platoon.
12	DETACHMENT SER-GEANT	68J4O	SFC											Principal NCO in a detachment.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-68J-3**  
**Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	ACFT COMP REP SUPV	68K4O	SFC	1. Supervision of 8 to 16 subordinate repairers/mechanics. 2. Support Sec, USA Joint Avn Spt Element. 3. Prod Control Div, AVCRAD (ARNG). 4. Avn Maint Sec, Hq, STARC (ARNG).
2	AVIONIC MAINT SUPV	68K4O	SFC	1. Sections engaged in new equipment research, development and testing. 2. Supervision of: a. Ten or more avionic personnel in an avionic maint/repair shop at AVIM or Depot level. b. Five or more skill level three avionic soldiers engaged in new equipment development, training and/or research. 3. Maint Br, NG AVCRAD MOB Control Element. 4. Avn Div, HHC, USAR Comd, Ft Lawton.
3	AVIONICS MAINT SGT	68K4O	SFC	1. Sec Asst Tng Teams. Subsequent positions also graded SFC. 2. Avn Maint Br, USA CONUS Aug, Ft Snelling (USAR).
4	QUAL CON SUPV	68K4O	SFC	Supervision of five or more aircraft, avionic or armament technical inspectors at AVIM or Depot level.
5	QUAL ASSUR NCO	68K4O	SFC	Quality Assurance Division, NG AVCRAD MOB Control Element.
6	PLATOON SERGEANT	68K4O	SFC	Principal NCO in a platoon.
7	DETACHMENT SERGEANT	68K4O	SFC	Principal NCO in a detachment.
8	ACFT MAINT MGR	68K4O	SFC	1. USAAVNC, Ft Rucker. 2. Maint Div, TRADOC. 3. Helfire/Gld Div, USA Missile Cmd. 4. Acft Div Ofc, USA Depot, Corpus Christi. 5. Atk/Obsn Hel Br and TAMP Ofc, USA Avn Sys Cmd. 6. Ops & Tng Div, USAMC, Europe. 7. Trans Br, Hq, USA Strat Def Cmd. 8. Log Ops Sec, USA FA Ctr. 9. Avn Div, USATC and Ft Dix. 10. ECM Sup Br, USA Vulnerability Asmt Lab.
9	OPERATIONS SGT	68K4O	SFC	1. USAALS Support Grp, USA Avn Log Sch, Ft Eustis. 2. Foreign Mat Test Div, USA ATTC. 3. Ops/Tng Div, USAMC, Europe.
10	SR CBT DEV NCO	68K4O	SFC	Avn Grd Sup Equip Branch, USA Avn Ctr.
11	CHIEF INSTR/WTR	68K4O	SFC	USA Avn Log Sch. a. Electrical & Electronics Div. b. Powertrain & Powerplants Div. c. AH-64 Div AAD. d. OH-58D Scout Hel Div.

Notes:

1. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-68K-1**  
**Physical requirements**

Skill level	Task numbers	Tasks
4	1, 2	1. Must possess normal color vision. 2. Must read detailed technical manuals.

**Table 10-68K-2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Explanatory notes
1	ACFT COMP REP SUPV	68K4O	SFC	1. Supervision of 8 to 16 subordinate repairers/mechanics. 2. Materiel Directorate, Area Support Group. 3. Avn Maint/Materiel or comparable section, HHC/MMC, DISCOM/COSCOM/TAACOM/TA or Spt Cmd (EAC). 4. Maint Sup/Ops Sec, HHC/HHD, Avn Maint Bn (AVIM).
2	AVIONIC MAINT SUPV	68K4O	SFC	1. Supervision of 10 or more avionic personnel in a Maint/Repair Sec. 2. Principal NCO in the Avionics Repair Section, Avn Maint Co (AVIM).
3	PLATOON SER-GEANT	68K4O	SFC	1. Principal NCO in a platoon. 2. Principal NCO in the Avionic Repair Plt Hq, Avn Maint Co (AVIM).
4	DETACHMENT SERGEANT	68K4O	SFC	Principal NCO in a detachment.

**Table 10-68K-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Explanatory notes
1	ACFT COMP REP SUPV	68K4O	SFC	1. Supervision of 8 to 16 subordinate repairers/mechanics. 2. Support Sec, USA Joint Avn Spt Element. 3. Prod Control Div, AVCRAD (ARNG). 4. Avn Maint Sec, Hq, STARC (ARNG).
2	AVIONIC MAINT SUPV	68K4O	SFC	1. Sections engaged in new equipment research, development and testing. 2. Supervision of: a. Ten or more avionic personnel in an avionic maint/repair shop at AVIM or Depot level. b. Five or more skill level three avionic soldiers engaged in new equipment development, training and/or research. 3. Maint Br, NG AVCRAD MOB Control Element. 4. Avn Div, HHC, USAR Comd, Ft Lawton.
3	AVIONICS MAINT SGT	68K4O	SFC	1. Sec Asst Tng Teams. Subsequent positions also graded SFC. 2. Avn Maint Br, USA CONUS Aug, Ft Snelling (USAR).
4	QUAL CON SUPV	68K4O	SFC	Supervision of five or more aircraft, avionic or armament technical inspectors at AVIM or Depot level.
5	QUAL ASSUR NCO	68K4O	SFC	Quality Assurance Division, NG AVCRAD MOB Control Element.
6	PLATOON SER-GEANT	68K4O	SFC	Principal NCO in a platoon.
7	DETACHMENT SERGEANT	68K4O	SFC	Principal NCO in a detachment.
8	ACFT MAINT MGR	68K4O	SFC	1. USAAVNC, Ft Rucker. 2. Maint Div, TRADOC. 3. Helfire/Gld Div, USA Missile Cmd. 4. Acft Div Ofc, USA Depot, Corpus Christi. 5. Atk/Obsn Hel Br and TAMP Ofc, USA Avn Sys Cmd. 6. Ops & Tng Div, USAMC, Europe. 7. Trans Br, Hq, USA Strat Def Cmd. 8. Log Ops Sec, USA FA Ctr. 9. Avn Div, USATC and Ft Dix. 10. ECM Sup Br, USA Vulnerability Asmt Lab.
9	OPERATIONS SGT	68K4O	SFC	1. USAALS Support Grp, USA Avn Log Sch, Ft Eustis. 2. Foreign Mat Test Div, USA ATTC. 3. Ops/Tng Div, USAMC, Europe.
10	SR CBT DEV NCO	68K4O	SFC	Avn Grd Sup Equip Branch, USA Avn Ctr.

**Table 10-68K-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
11	CHIEF INSTR/WTR	68K40	SFC	USA Avn Log Sch. a. Electrical & Electronics Div. b. Powertrain & Powerplants Div. c. AH-64 Div AAD. d. OH-58D Scout Hel Div.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-68N-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts 57 pounds and carries 1/4 mile.
2	1, 2, 3, 4, 5	2. Frequently pushes and pulls 810 pounds 15 feet as part of a 2 soldier team (prorated 405 pounds).
3	4, 5	3. Frequently works in constrained or awkward body position for 4 to 6 hours duration. 4. Must possess normal color vision. 5. Must possess finger dexterity in both hands.

**Table 10-68N-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	AVIONIC MECHANIC	68N1O	PFC	1	1	2	2	2	3	3	3	3	3	1. Grades of additional positions will be in same pattern.
2	AVIONIC MECHANIC	68N1O	SPC	1	1	2	2	3	3	3	3	3	4	2. Positions in Special Ops Avn (SOA) graded per lines 4 and 5.
3	AVIONIC MECHANIC	68N2O	SGT						1	1	2	3	3	3. Grading pattern will be used for all positions not specifically identified in any other line.
4	AVIONIC MECHANIC	68N1O	SPC	1	1	2	3	4	4	5	6	6		1. Grades of additional positions will be in same pattern.
5	AVIONIC MECHANIC	68N2O	SGT	1	1	2	2	2	2	3	3	3	4	2. Special Ops Avn (SOA). Use with SQI S.
6	AVIONIC TECH INSP	68N2F	SGT											Quality assurance section, quality control section and surveillance system repair section, AVUM and AVIM.
7	AVIONIC LINE SUPV	68N3O	SSG											1. Supervision of five or more MOS 68N subordinate soldiers. 2. Avionic/Comm Section, SOA Avn Maint Co (AVUM/AVIM). Use with SQI S.

Notes:

1. \*Blank spaces in this column indicate not applicable.

2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-68N-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	AVIONIC MECHANIC	68N1O	PFC	1	1	1	2	2	2	3	3	3	1. Grades of additional positions will be in same pattern.	
2	AVIONIC MECHANIC	68N1O	SPC	1	1	1	2	2	2	3	3	4	2. Grading pattern will be used for all positions not specifically identified in any other line.	
3	AVIONIC MECHANIC	68N2O	SGT		1	1	1	2	2	2	3	3		
4	AVIONIC TECH INSP	68N2F	SGT										Quality assurance section, quality control section and surveillance system repair section, AVUM and AVIM.	
5	AVIONIC LINE SUPV	68N3O	SSG										Supervision of five or more 68N subordinate soldiers.	

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-68P-1  
Physical requirements**

Skill level	Task numbers	Tasks
4	1, 2, 3	<ol style="list-style-type: none"> <li>1. Must possess normal color vision.</li> <li>2. Frequently reads detailed technical manuals.</li> <li>3. Frequently reads complex schematic diagrams.</li> </ol>

**Table 10-68P-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	Avionic maint supv	68P4O	SFC	Supervision of 10 or more avionic personnel in an avionic maint shop at AVIM or Depot level.
2	Platoon sergeant	68P4O	SFC	Principal NCO in an avionics platoon.

**Table 10-68P-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	Avionic maint supv	68P4O	SFC	<ol style="list-style-type: none"> <li>1. Avionic subject matter expert in sections engaged in new equipment research, development and testing.</li> <li>2. Supervision of: <ol style="list-style-type: none"> <li>a. Ten or more avionic soldiers in an avionic maint shop at AVIM or Depot level.</li> <li>b. Five or more skill level 3 avionic soldiers engaged in new equipment development, training and/or research.</li> </ol> </li> </ol>
2	Platoon sergeant	68P4O	SFC	Principal NCO in an avionics platoon.
3	Avionics maint sgt	68P4O	SFC	Sec Asst Tng Team.

**Table 10-68X-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1,2,3,4,5	<ol style="list-style-type: none"> <li>1. Frequently lifts, lowers and carries 80 pounds.</li> <li>2. Frequently lifts and lowers 250 pounds up and down 5 feet and carries varying distances as part of a 3 soldier team (prorated at 83.2 pounds per soldier).</li> <li>3. Frequently lifts, lowers and carries 490 pounds as part of a 4 soldier team (prorated at 122.5 pounds per soldier).</li> <li>4. Must possess finger dexterity.</li> <li>5. Must possess normal color vision.</li> </ol>
2	1,2,3,4,5	
3	3,4,5	
4	4,5	

**Table 10-68X-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	ARMT/ELECT SYS REP	68X1O	PFC			1	1	2	2	2	2	3	3	1. Grades of additional positions will be in same pattern.
2	ARMT/ELECT SYS REP	68X1O	SPC	1	1	1	2	2	3	4	4	4	4	2. Positions in Special Ops Avn (SOA) graded per lines 4 and 5.
3	ARMT/ELECT SYS REP	68X2O	SGT		1	1	1	1	1	1	2	2	3	3. Grading pattern will be used for all positions not specifically identified in any other line.
4	ARMT/ELECT SYS REP	68X1O	SPC		1	2	3	3	4	4	5	5	6	1. Grades of additional positions will be in same pattern.
5	ARMT/ELECT SYS REP	68X2O	SGT	1	1	1	1	2	2	3	3	4	4	2. Special Ops Avn (SOA). Use with SQI S. 3. First and subsequent positions in Arm Sec, Atk Co (Lt), SOA Aslt Hel Bn, graded SGT.
6	ARMT/ELECT SYS TI	68X2F	SGT		1	1	2	2	3	3	4	4	5	Full time positions for technical inspection of AH-64 armament/electrical systems and components.
7	ARMT/ELECT SYS TI	68X3F	SSG	1	1	2	2	3	3	4	4	5	5	
8	SECTION SERGEANT	68X3O	SSG											1. Principal NCO in a separate section consisting of 5 to 14 (MOS 68X) repairers. 2. Arm Sec, SOA Atk Co (Lt), SOA Aslt Hel Bn. Use with SQI S. S. Second position also graded SSG.
9	ARMT/ELECT SYS SUPV	68X3O	SSG											1. Supervision of 5 to 14 (MOS 68X) repairers when a SFC Armt Maint Supv is authorized in the section.
10	ARMT/ELECT SYS SUPV	68X4O	SFC											1. Supervision of 15 or more armt repairers. If a platoon sergeant (MOS 68X4O) is the next level supervisor, grade/title per line 8 or 9. 2. Principal NCO in a SOA Acft Armament Repair Sec. Use with SQI S.
11	ARMT/ELECT SYS SGT	68X4O	SFC											1. Materiel Directorate, Area Support Group. 2. Avn Maint/Materiel or comparable section, HHC/MMC, DIS-COM/COSCOM/TACOM/TA or Spt Cmd (EAC). 3. Maint Sup/Ops Sec, HHC/HHD, Avn Maint Bn (AVIM).
12	PLATOON SERGEANT	68X4O	SFC											Principal NCO in a platoon.
13	DETACHMENT SER-GEANT	68X4O	SFC											Principal NCO in a detachment.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-68X-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	ARMT/ELECT SYS REP	68X1O	PFC			1	1	2	2	2	3	3	3	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	ARMT/ELECT SYS REP	68X1O	SPC	1	1	1	2	2	3	3	3	4	4	
3	ARMT/ELECT SYS REP	68X2O	SGT		1	1	1	1	1	2	2	2	3	
4	ARMT/ELECT SYS TI	68X2F	SGT		1	1	2	2	3	3	4	4	5	Full time positions for technical inspection of AH-64 armament/electrical systems and components.
5	ARMT/ELECT SYS TI	68X3F	SSG	1	1	2	2	3	3	4	4	5	5	
6	SR ARMT/ELECT SYS REP	68X3O	SSG											Sec Asst Tng Tm. Subsequent positions also graded SSG.
7	ARMT/ELECT SYS SUPV	68X3F	SSG											Supervision of 5 to 14 repairers (MOS 68X) when a SFC Armt Maint Supv is authorized in the section.
8	SECTION CHIEF	68X3O	SSG											Principal NCO in a section of 5 to 14 (MOS 68X) repairers.
9	ARMT/ELECT SYS SUPV	68X4O	SFC											Principal NCO in a section of 15 or more repairers. If a platoon sergeant (MOS 68X) is the next level supervisor, grade/title per line 7.
10	PLATOON SERGEANT	68X4O	SFC											Principal NCO in a platoon.
11	DETACHMENT SER-GEANT	68X4O	SFC											Principal NCO in a detachment.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-71D-1**  
Physical requirements

Skill level	Tasks numbers	Tasks
1	1,2	1. Occasionally lifts 20 pounds and carries 50 feet. 2. Occasionally pushes and pulls with 50 feet/pounds of force.
2	1,2	
3	1,2	
4	1,2	
5	1,2	

**Table 10-71D-2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<b>Staff Judge Advocate (SJA) and Legal Support Organization (LSO) Reserve Component (RC)</b>														

**Table 10-71D-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	LEGAL SPECIALIST	71D10	PFC	1	1	1	2	2	2	2	3	3	1. Grades of additional positions will be in same pattern. 2. Standard will be applied cumulatively to all legal positions in:	
2	LEGAL SPECIALIST	71D10	SPC		1	1	1	1	2	2	2	2	a. SJA Sec of Cmd. standard will be applied in MTOE units with general court-martial convening authority (GCMCA). b. SJA and Def Sec of COSCOM.	
3	LEGAL NCO	71D20	SGT	1	1	1	1	1	1	1	2	2	c. Legal Svc Cmd/Legal Svcs Tm. d. LSO (RC).	
4	LEGAL NCO	71D30	SSG					1	1	1	1	2	3. SJA/Mil Judge/Def Sec of Corps.	
5	SENIOR LEGAL NCO	71D40	SFC		1	1	1	1	1	1	1	1		
<b>Command Judge Advocate (CJA) Section and Judge Advocate General Service Organization (JAGSO) Team (RC)</b>														
6	LEGAL SPECIALIST	71D10	PFC	1	1	2	2						1. Grades of additional positions will be in same pattern. 2. Standard will be applied cumulatively to all legal positions in:	
7	LEGAL SPECIALIST	71D10	SPC		1	1	2						a. CJA Sec of a Cmd and/or Bde. Standard will be applied in MTOE units not having GCMCA. b. JAGSO Tm (RC) except in JAGSO court-martial defense and/or trial team.	
8	LEGAL NCO	71D20	SGT	1	1	1	1	1						
<b>Court Reporter (ASI C5)</b>														
9	COURT REPORTER	71D2OC5	SGT	1	1								1. Grades of additional positions will be in same pattern. 2. Standard will be applied cumulatively to all court reporter positions in:	
10	COURT REPORTER	71D3OC5	SSG	1	1	1							a. SJA Sec except in Corps and TAACOM. b. LSO, JAGSO court-martial trial and Legal Svcs Team. c. Legal Svc Cmd of a Cmd and/or Acty.	
11	SENIOR COURT REPORTER	71D4OC5	SFC		1									
12	COURT REPORTER	71D3OC5	SSG	1	2								Grades of additional positions will be in same pattern. Standard will be applied cumulatively to all court reporter positions in: SJA Sec of Corps, TAACOM and Army Svc Comp Cmd.	
13	SENIOR COURT REPORTER	71D4OC5	SFC	1	1	1								
14	LEGAL SPECIALIST	71D10	SPC										Single legal position in S1 and/or Admin Sec of: a. Battalions with less than 650 military soldiers. b. Field or Surg Hosp (subsequent positions also graded SPC) and Combat Support Hosp. c. Med Logistic, Med Spt and Air Ambulance Bns. d. Sp Trp Sec of COSCOM. e. Real Estate Team. f. Grading line will be used for all positions not specifically identified in any other line.	
15	LEGAL NCO	71D20	SGT										1. Single legal position in S1 and/or Admin Sec of: a. Battalions with 650 or more military soldiers. b. Inf Bn (Ranger). c. TASOC. d. Special Ops Avn (SOA) Bn. Use with SQI S. e. Groups, except Abn SOF and ASG see line 17. f. MI Bde Corps/FDB. g. EAC Intel Ctr. 2. Contracting Div/Defense Counsel Br, Theater Spt Cmd.	
16	LEGAL NCO	71D30 71D3O2S	SSG										1. Single legal position in S1, Admin/Log or Legal Sec of: a. Bdes, except as noted in lines 15, 17 and 18. b. DIVARTY, DISCOM and Spt Cmd (MMC). c. MP (EPW/CI) Bn. 2. Single legal position in Court-Martial Trial and/or Defense (JAGSO) Tm LC and/or LD. 3. S1 Sec, 96th CA Bn, GP CA Abn.	

**Table 10-71D-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
17	SENIOR LEGAL NCO	71D4O 71D4O2S	SFC												1. Single legal NCO position in: a. S1 and/or S1/S4 Sec: (1) Spec Ops Avn (SOA) Regt. (2) Finance Cmd. b. Legal Sec, Abn SOF Gp. c. SJA Sec: (1) Corps Arty. (2) Chem Bde. d. Inf (Ranger) Regt. 2. Principal legal NCO position in SJA Sec. Subsequent positions graded by lines 1-3 of: a. MI (Corps/EAC) and ADA (EAC/AOE) Bde. b. ACR. c. Area Spt Gp. d. Commands except as noted in lines 18 and 19. 3. Principal legal NCO position in CJA Sec. Subsequent positions graded by lines 6-8. a. Engr Bde, Corps. b. Engr, Bde, TA. Second and third position graded SSG. c. Corps Sig Bde. d. MP Bde: (1) EPW (2) EAC. Second and third position graded SSG. e. MI Bde Abn Corp. f. Area Spt Gp. 4. Mil Judge Sec, HHC Corps. 5. Legal Defense Sec, COSCOM. 6. Command Opinions Sec, Legal Svcs Tm. 7. SJA Sec, 13th Corps Spt Cmd, HHC.
18	CHIEF LEGAL NCO	71D5O	MSG												1. Principal NCO position in SJA Sec. Subsequent positions graded by lines 1-5. a. Third Army. b. 5th and 19th TAACOM. c. COSCOM. d. Division. e. ADCOM. f. Sep Bde: (1) Inf (2) Hvy/Enh. 2. Principal NCO position in LSO (RC). Subsequent positions graded by lines 1-5.
19	CHIEF LEGAL NCO	71D5O	SGM												Principal NCO position in SJA and/or SJA/CSS Cell/Rear Sec. Subsequent positions graded by lines 1-5 of: a. Theater Army. b. Corps. c. TAACOM except as noted in line 18. d. Army Svc Comp Cmd except as noted in line 18. e. Theater Spt Cmd.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-71D-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<b>Installation SJA Section or Branch Office, Law Center and Legal Office</b>														

**Table 10-71D-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	LEGAL SPECIALIST	71D1O	PFC		1	1	2	2	2	2	2	3		1. Grades of additional positions will be in same pattern.
2	LEGAL SPECIALIST	71D1O	SPC		1	1	1	1	2	2	3	3		2. Standard will be applied cumulatively to all legal positions in: a. Legal Sections of:
3	LEGAL NCO	71D2O	SGT			1	1	1	2	2	2	2		(1) USAG: Panama, WSMR, Fts Belvoir, Devens, Meade, Ritchie and RC.
4	LEGAL NCO	71D3O	SSG									1	1	(2) TRADOC Tng Ctr (including CAC and CASCOM).
5	SENIOR LEGAL NCO	71D4O	SFC	1	1	1	1	1	1	1	1	1	1	(3) USMA. (4) USA Com-Elect Cmd, Missile Command and Test & Evaluation Cmd. (5) CONUSA (Second Army only). (6) STARC (ARNG). b. Each legal ofc of USA Legal Svc Acty (Korea). c. SJA Br of Div, Corps and/or TAACOM.
<b>SJA Sec in a Installation, Command and/or Activity with Corps, Div, Sep Bde, and/or activity Hq</b>														
6	LEGAL SPECIALIST	71D1O	PFC		1	1	1	2	2	2	3	3	3	1. Grades of additional positions will be in same pattern.
7	LEGAL SPECIALIST	71D1O	SPC			1	1	1	1	2	2	2	2	2. Standard will be applied cumulatively to all legal positions in: a. CONUSA (First, Fifth and Sixth Army).
8	LEGAL NCO	71D2O	SGT	1	1	1	1	1	1	1	2	2	2	b. USA SF Cmd, JFK Sp Warfare Ctr, and USARC.
9	LEGAL NCO	73D3O	SSG						1	1	1	1	2	c. USAG: Fts Bragg, Campbell, Carson, Drum, Hawaii, Hood, Lewis, Mommouth, Polk, Riley, Sam Houston, Stewart and Alaska.
10	SENIOR LEGAL NCO	71D4O	SFC			1	1	1	1	1	1	1	1	d. MDW. e. ARCOM (RC). f. USA Spt, Hawaii. 3. USA Legal Acty (Korea). 4. AUGTDA, unless grading is provided elsewhere: a. Corps. b. Division. c. Bdes.
<b>SPCMCA S1 and/or Command Judge Advocate Section</b>														
11	LEGAL SPECIALIST	71D1O	PFC		1	1	1	2	2	2	2	3	3	1. Grades of additional positions will be in same pattern.
12	LEGAL SPECIALIST	71D1O	SPC			1	1	1	2	2	3	3	4	2. Standard will be applied cumulatively to all legal positions in: a. TRADOC Tng Bde and/or Cmd.
13	LEGAL NCO	71D2O	SGT			1	1	1	2	2	2	2	2	b. Sp Trps Hq Cmd. c. MI Bde and USA MI Field Sta.
14	LEGAL NCO	71D3O	SSG	1	1	1	1	1	1	1	1	1	1	d. USAG Ft Detrick, Carlisle Bks, Sierra Army Depot and Yuma Proving Ground. e. USA MEDCEN. f. Recruiting Bde. g. Defense Language Institute. h. ARNG Tng site. i. USARC Sch, USAR Tng Cmd, USAR Maneuver Area Cmd. j. SETAF.
<b>Court Reporter (ASI C5)</b>														
15	COURT REPORTER	71D2OC5	SGT	1	1	2								Grades of additional positions will be in same pattern and applied cumulatively.
16	COURT REPORTER	71D3OC5	SSG	1	1									
17	LEGAL SPECIALIST	71D1O	SPC											1. Single legal position in S1 Sec of: a. Battalion. b. INCSCOM Force Mod Acty of Ft Belvoir. c. Claims Sec of SETAF (Vicenza). d. MP Inv Sec. 2. Hq Co Sec of USAR and/or Sp Trp. 3. Hq Co, USAG APG. 4. Grading line will be used for all positions not specifically identified in any other line.

**Table 10-71D-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
18	LEGAL NCO	71D2O	SGT												<ol style="list-style-type: none"> <li>1. Single legal position in Admin and/or S1 Sec of:               <ol style="list-style-type: none"> <li>a. INCSCOM Frgn Mat Intg Agcy.</li> <li>b. Msn Spt Acty.</li> <li>c. Fld Spt Ctr of Ft Meade.</li> <li>d. USA                   <ol style="list-style-type: none"> <li>(1) MEDDAC.</li> <li>(2) MI (Linguist) Bn.</li> <li>(3) Chem Acty-Pacific.</li> <li>(4) Elm-Kuwait</li> <li>(5) ADA Range Cmd and Rgn Conf Fac.</li> </ol> </li> <li>e. DPCA, Korea.</li> <li>f. Joint Commo Spt Elm of MacDill AFB.</li> <li>g. 704th MI Bde.</li> <li>h. Elm Southern Europe.</li> <li>i. MP Activity USA Spt Hawaii.</li> </ol> </li> <li>2. Single legal position in:               <ol style="list-style-type: none"> <li>a. Legal Sec of USA FA Tng Ctr.</li> <li>b. Recruiting Bdes.</li> </ol> </li> <li>3. Frgn Claims Sec of USA Claims Svc (Korea).</li> <li>4. Mil Claims and Recovery Sec of U.S. Claims Svc (Korea).</li> <li>5. PM Sec of USAG Ft Carson. Subsequent position graded PFC.</li> <li>6. Elm-ALFSEE (subsequent positions also graded SGT).</li> <li>7. JA Ncr Info Mgt, USALSA. Second position also graded SGT.</li> <li>8. 8th USA Special Troop Cmd.</li> <li>9. USA Elm Am Forces Info Svc.</li> </ol>
19	LEGAL NCO	71D3O	SSG												<ol style="list-style-type: none"> <li>1. Single legal position in               <ol style="list-style-type: none"> <li>a. USA Armt, Mun and Chem Cmd.</li> <li>b. FORSCOM Log Spt Unit-Sinai.</li> <li>c. USA Elm of Saudi Arabia and USSOUTHCOM.</li> <li>d. U.S. MEPCOM Sector Hq.</li> <li>e. Ofc of the DoD Gen Coun Sec of Defense Legal Services Agency.</li> <li>f. Legal Asst and SJA, USAG Ft Richardson.</li> <li>g. SJA section of CID Rgn Hq.</li> <li>h. Criminal Law Div, USAG.</li> <li>i. USA Reg Op Cmd.Mil Law Sec, FORSCOM.</li> </ol> </li> <li>2. Principal legal NCO position in PAAL Doc Sec of OASD. Subsequent position graded SGT.</li> <li>3. Criminal Law Div, USA Test &amp; Evaluation Command.</li> <li>4. U Group, 704th MI Bde.</li> <li>5. Legal Adv, USA Elm U.S. European Cmd.</li> <li>6. SJA, USA Elm Southern Cmd.</li> <li>7. USA Elm Allied Land Forces Southeastern Europe. Second position graded SGT.</li> <li>8. AUGTDA branch offices, Divisional units. Second position graded SGT.</li> <li>9. AUGTDA TAACOM               <ol style="list-style-type: none"> <li>a. Admin Ofc OSJA.</li> <li>b. Kaissrltrn:                   <ol style="list-style-type: none"> <li>(1) Law Ctr.</li> <li>(2) A/C Law.</li> <li>(3) Crim Law.</li> <li>(4) Trial Def.</li> <li>(5) Leg Asst.</li> </ol> </li> </ol> </li> <li>10. Arctic Spt Bde/Cmd.</li> </ol>

**Table 10-71D-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
20	SENIOR LEGAL NCO	71D4O	SFC												<ol style="list-style-type: none"> <li>1. OTJAG, HQDA.</li> <li>2. USALSA               <ol style="list-style-type: none"> <li>a. Trial Judiciary Sec. Subsequent positions graded SSG.</li> <li>b. Trial Def Svc Sec.</li> <li>c. LAAWS Proj Sec.</li> <li>d. Stands of Conduct Sec.</li> </ol> </li> <li>3. USA Claims Svc of Ft Meade. Subsequent positions also graded SFC.</li> <li>4. Medical Claims Sec of USA MEDCEN.</li> <li>5. S1 Sec of USAG, Ft Greely.</li> <li>6. Criminal Law Div, USAG Ft Richardson.</li> <li>7. Cmd Legal Counsel Sec of USAREC. Subsequent positions graded SGT.</li> <li>8. Legal Ofc Sec in Armt R&amp;D Cen of Piscataway.</li> <li>9. SJA Sec of USA SF Cmd.</li> <li>10. Command Gp, USA Special Operations Spt Cmd.</li> <li>11. USA Sec Asst Spt Acty Saudi Arabia. Second position also graded SFC.</li> <li>12. NTC &amp; Ft Irwin. Subsequent positions graded SGT.</li> <li>13. AUGTDA Corps. Subsequent positions graded by lines 6-10.</li> <li>14. AUGTDA TAACOM.               <ol style="list-style-type: none"> <li>a. Crim Law Div OSJA.</li> <li>b. Claims Ksln.</li> <li>c. Crim Law and Claims Div Ma.</li> <li>d. LSC Thn.</li> </ol> </li> </ol>
21	COURT REPORTER	71D4OC5	SFC												Single court reporter position Naval Justice School, USA Elm of Navy Acty, HQDA.
22	FIRST SERGEANT	71D5M	1SG												Principal NCO of a company.
23	CHIEF LEGAL NCO	71D5O	MSG												<ol style="list-style-type: none"> <li>1. Principal legal NCO position in:               <ol style="list-style-type: none"> <li>a. USA Southern European Task Force.</li> <li>b. Admin Sec, USALSA.</li> <li>c. Ofc of the Chief Sec, USA Legal Svc Acty (Korea).</li> <li>d. USA Claims Svc, Ft Meade and Korea.</li> <li>e. FM&amp;P Sec, OASD.</li> <li>f. Legal Sec:                   <ol style="list-style-type: none"> <li>(1) USA Special Operations Command.</li> <li>(2) MEDCOM.</li> <li>(3) USA Reserve Cmd.</li> <li>(4) USAR Tng and/or Exer Div.</li> <li>(5) USA Elm US Special Operations Command</li> </ol> </li> <li>g. TRADOC Tng Ctr:                   <ol style="list-style-type: none"> <li>(1) USA FA Ctr &amp; Ft Sill.</li> <li>(2) USA Infantry Ctr &amp; Ft Benning.</li> <li>(3) USA ADA Ctr &amp; Ft Bliss.</li> </ol> </li> <li>h. USAG Ft Riley.</li> </ol> </li> <li>2. AUGTDA:               <ol style="list-style-type: none"> <li>a. USAREUR 7th Army Aug.</li> <li>b. 21st TA Area Comd HHC Aug.                   <ol style="list-style-type: none"> <li>(1) Law Ctr Ksln.</li> <li>(2) SLC Ma.</li> <li>(3) Admin.</li> </ol> </li> <li>c. 17th Spt Gp Aug.</li> </ol> </li> </ol>
24	SENIOR CAREER ADVISOR	71D5O	MSG												OTJAG LN NCO PERSCOM, USALSA. Subsequent positions will be graded SFC, Career Advisor.
25	CHIEF LEGAL NCO	71D5O	SGM												Principal legal NCO position in SJA Sec (subsequent positions graded by lines 6-10): <ol style="list-style-type: none"> <li>a. CONUSA.</li> <li>b. USAG Ft Carson.</li> <li>c. ARCOM (RC).</li> <li>d. 7th Hq HHC USAREUR 7th Army Aug.</li> </ol>
26	SR LEGAL STAFF NCO	71D5O	SGM												OTJAG, HQDA. Second position graded SFC.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-71G-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts 40 pounds and carries short distances.
2	1, 2, 3, 4	2. Must possess finger dexterity in both hands.
3	1, 2, 3, 4	3. Frequently writes to keep records and compile data.
4	1, 2, 3, 4	4. Frequently reviews documents and correspondence.
5	3, 4	

**Table 10-71G-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	PAT ADMIN SP	71G10	PFC	1	1	1	2	2	2	3	3	3	3	1. Grades of additional positions will be in same pattern, 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	PAT ADMIN SP	71G10	SPC	1	1	1	2	2	2	3	3	3	4	3. First position in dispensary will be graded SGT. 4. Med Reg Ofc in HHC of Med Cmd (Corps). 5. Med Reg Ofc in HHD of Med Gp.
3	PAT ADMIN NCO	71G20	SGT		1	1	1	2	2	2	3	3		
4	PAT ADMIN SP	71G10	PFC	1	1	1	2	2	2	2	3	3	3	Grading pattern will be used for Pat Admin positions in: a. Hosp Co w/84 and/or 164 Beds (Corps and EAC). b. Med Reg Ofc in:
5	PAT ADMIN SP	71G10	SPC	1	1	1	2	2	2	2	3	3	3	(1) HHC of Med Bde (Corps and EAC). (2) HHC MEDCOM (TA and Corps).
6	PAT ADMIN NCO	71G20	SGT		1	1	1	2	2	2	2	3		
7	PAT ADMIN NCO	71G30	SSG							1	1	1	1	
8	PAT ADMIN SP	71G10	SPC											Principal PAT Admin Sp when single position in: a. Med Ops of MP EPW Cmd. b. Med Sec of MP Conf Bn. c. Med Sec MP EPW Bde. d. Cmd Surg Sec of ADCOM (TA). e. Surg/CSS Cell/Rear of Corps. Use with SQI P when in Corps (Abn). f. Med Plt Hq/Trmt Sec of MAIN Spt Co (SOSB). Use with SQI P. g. Div Surg/CSS/Rear of Div (Armor and/or Mech).
9	PAT SVCS NCO	71G20	SGT											Principal Pat Admin NCO when single position in: a. Med and Surg Svc and/or Con Tm of Hosp (except Gen Hosp). b. Hq in Hosp Unit Base of Fld Hosp. c. Pub Hlth Tm of CA Det (GS).
10	PAT ADMIN NCO	71G20	SGT											Principal Pat Admin NCO when single position in MAIN Spt Co of Sp Ops Spt Bn (Abn).
11	PAT ADMIN NCO	71G30	SSG											Principal Pat Admin NCO in: a. Pat Admin Div/Rpts Br or Med Ops Ctr and/or Div Med Ops Ctr of DISCOM. b. Pat Admin Div of Hosp Unit Base (Fld). Subsequent Pat Admin positions graded by lines 1-3. c. Pat Admin Div/Rpts Br in HHC/MMC of DISCOM (Hvy Div). Subsequent Pat Admin positions graded by lines 1-3. d. Div Med Ops Ctr in HHC/MMC of DISCOM (AASLT and Abn). Subsequent Pat Admin Positions graded by lines 1-3. e. Med Ops Ctr in HHC/MMC of DISCOM (LID).
12	PAT ADMIN NCO	71G40	SFC											1. Principal Med Reg NCO in Med Reg Ofc in HHC of Med Bde (Corps and EAC). 2. Principal Pat Admin NCO in: a. Pat Admin Br of Hosp Unit Base (Gen Hosp). b. Pat Admin Div of Hosp Co w/164 Beds (EAC TA and Corps)
13	PAT ADMIN NCO	71G50	MSG											Principal Med Reg NCO in Med Rg Ofc of MEDCOM (Corps and EAC).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-71G-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	PAT ADMIN SP	71G1O	PFC		1	1	1	1	2	2	2	3	4		1. Grades of additional positions will be in same pattern.
2	PAT ADMIN SP	71G1O	SPC		1	1	1	1	2	2	2	3	3		2. Only one position per branch or section will be graded SSG.
3	PAT ADMIN NCO	71G2O	SGT			1	1	1	1	2	2	2	2		3. Grading pattern will be used for all positions not specifically identified in other line.
4	PAT ADMIN NCO	71G3O	SSG				1	1	1	1	1	1	1		
5	PAT ADMIN SP	71G1O	PFC		1	1	1	2	2	2	3	3	3		1. U.S Army Med Admin Sp and NCO in Global Patient Movement Regulating Center (GPMRC) of U.S Air Force Base--(Scott AFN).
6	PAT ADMIN SP	71G1O	SPC		1	1	1	2	2	2	3	3	3		2. Application of this grading pattern will be based on the total aggregate Pat Admin positions in USAF unit (GPMRC).
7	PAT ADMIN NCO	71G2O	SGT			1	1	1	2	2	2	2	3		3. Pat Admin positions resulting from this grading pattern may be redistributed to specific positions within USAF unit at the discretion of the GPMRC Cdr.
8	PAT ADMIN NCO	71G3O	SSG										1	1	
9	PROF SVCS NCO	71G2O	SGT												Principal Med Admin NCO in: a. Sp Svc of MEDCEN and/or MEDDAC. b. Br of Clin Spt Div of MEDDAC. c. U.S. Army Hlth Clin in Log Spt Unit (OCONUS) of FORSCOM. d. Spt Br of Clin Spt Div and TDA Aug.
10	PAT ADMIN NCO	71G3O	SSG												Principal Med Admin NCO in: a. Pat Aff Br and Pat Account Br in Pat Admin Div of MEDDAC. b. Overseas Army/AF Ln Ofc. c. Def Mgt Spt Sys Ctr of Pentagon. d. Tact Sys Div and Pat Cr/Admin Div of H lth Care Sys Spt Act y. e. Pat Rec/TIS Br of U.S. Armed Forces Inst of Path (AFIP). f. Supervision of 4 to 13 subordinate (soldiers/civ personnel) in OP Rclds Br. g. Install NBC Br in USAG -(Ft Hood).
11	PROF SVCS NCO	71G3O	SSG												1. Principal Med Admin NCO in: a. Clin Spt Div in U.S. Army MEDCEN and MEDDAC and OCONUS Aug TDA (except Gen Hosp) of U.S. Army MEDCOM. b. Splty Dept of MEDCEN (except Dept of Med and Dept of Surg ). c. Dept of Prim Care and Community Med. d. Dept of Med and/or Surg of MEDDAC. 2. Br of Clin Spt Div of MEDCEN.
12	PAT ADMIN NCO	71G4O	SFC												1. Principal Med Admin NCO in: a. MEDDAC Hosp not authorized grade MSG. b. Pat Aff Br and Pat Acct Br in Pat Admin Div of MEDDAC. c. CHAMPUS as Ln NCO (OCHAMPUS). d. Res Sr Enl Adv (Full Time Spt). 2. Supervision of 14 to 28 subordinate (soldiers/civ personnel). 3. GPMRC of USAF--(Scott AF Base). 4. Medical Regional Center's (MRC)--(North East, South East, Great Plains, North West, European and Pacific).
13	PROFS SVCS NCO	71G4O	SFC												Principal Med Admin NCO in: a. Dept of Med and/or Surg of MEDCEN. b. Soldier Family Asst Br of U.S. Army Recruiting Command.
14	PAT ADMIN NCO	71G5O	MSG												1. Principal Med Admin NCO in: a. MEDCEN--(BAMC, DDEAMC, LRAMC, MAMC, WAMC, WBAMC and WRAMC). b. MEDDAC--(Fts)-: Belvoir, Benning, Campbell, Carson, Hood, Jackson, Knox, Leavenworth, Leonard Wood, Polk, Riley, Sill and Stewart. c. MEDDAC--(Alaska and Heidelberg). d. Ofc of the Cdr and in Pat Rclds/Spec Acty Br of Pat Admin Spt Div. e. MEDCEN. 2. AUGTDA--MEDCEN (LRAMC) and MEDDAC (Heidelberg). 3. GPMRC of USAF--(Scott AF Base).

**Notes:**

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-71L-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Frequently lifts 20 pounds and carries 3 miles.
2	1, 2, 3, 4, 5, 6	2. Verbally provides assistance and instructions.
3	1, 2, 3, 4, 5, 6	3. Frequently stands, stoops, and kneels for a period of 4 hours duration.
4	2, 4, 5, 6	4. Frequently sits for a period of 8 hours duration.
5	2, 4, 5, 6	5. Must possess finger dexterity in both hands. 6. Visually reviews documents and correspondence.

**Table 10-71L-2  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	ADMINISTRATIVE CLERK	71L10	PFC	1	2	2	2	2	2							1. Grades of additional positions will be in same pattern. 2. U.S. Army School, NCO Academy or Integrated Center and School.
2	ADMINISTRATIVE SP	71L10	SPC	1	1	1	1	1	2	2						3. Academy of Health Sciences, AMEDD School and Center.
3	ADMINISTRATIVE SGT	71L20	SGT			1	1	1	1							4. U.S. Army Garrison, Training Battalion and Bde. 5. MACOM Functional Center and Installation.
4	ADMINISTRATIVE SUPV	71L30	SSG				1	1	1							6. CONUSA and Specified Command.
5	ADMINISTRATIVE SUPV	71L40	SFC							1						7. Admin personnel not in performance of direct and general-service support, but performing "Mail Handling" duties as "mail delivery clerk or specialist" will be titled and graded per lines 1-5. ASI F5 not authorized for use with these positions.

**Department of Defense (DOD); U.S. Army Headquarters (Army Secretariat and Legislative Liaison); U.S. Army Staff, Joint, Support Activity, Element, and Field Operating Agency; Special Operations Forces (SOF); International Military Headquarters and Unified Commands**

6	ADMINISTRATIVE SP	71L10	SPC	1	1	2	2	3	3	4						1. Admin Spt in Admin cell, Contrl Sec, Commo Sys and Tng Sec, Plans and Ops Br, Msg Ctr, Test Tm, and Sec of Det and in Trp Hq of USA Field Elm. 2. Personnel Security Screening Point Detachments.
7	ADMINISTRATIVE SGT	71L20	SGT	1	1	2	2	3	3							
8	ADMINISTRATIVE SP	71L10	SPC	1	1	1	2	3	4							Admin Spt in Ofc, Dir, Div, Br, Sec, or Tm when lines 6-7 do not apply.
9	ADMINISTRATIVE SGT	71L20	SGT	1	1	1	2	2	2	2						
10	ADMINISTRATIVE SUPV	71L30	SSG			1	1	1	1	1						
11	ADMINISTRATIVE SP	71L10	SPC	1	2	3	3									SSO or IMO for Sp Scty Ops and Doc Con Cust duties in Acty or Instl of USAG, DoD, FOA, Joint Acty, and HQDA.
12	ADMINISTRATIVE SGT	71L20	SGT	1	1	1	1	1								
13	ADMINISTRATIVE SUPV	71L30	SSG					1								
14	ADMINISTRATIVE SGT	71L30	SSG	1												Special Security Operations, or Office (SSO) or Information Management Office (IMO) for Sp Scty Ops and Doc Con Cust duties in USA Sch, Instl or USA Joint Acty, DoD, FOA, MACOM and HQDA when lines 11-13 do not apply. First and second positions only; subsequent positions graded SGT.
15	ADMINISTRATIVE SGT ADMINISTRATIVE SUPV	71L40	SFC	1	1											
16	ADMINISTRATIVE SGT	71L20	SGT	1	1											ROTC colleges.
17	ADMINISTRATIVE SGT	71L30	SSG	1	1	1										
18	ADMINISTRATIVE SGT	71L40	SFC			1										
19	ADMINISTRATIVE CLERK	71L10	PFC													1. Co, Plt, Det and Agcy Hq Cmd Sec; or in a Co Sec, Tm, Ctr, Elm of MACOM and major subordinate command; U.S. Army Sch, Tng Ctr in USAG, or CID RA and District. Except when: a. Principal officer position is W4 or MAJ grade as SPC; SGT if LTC/COL, or civilian (GM 14/15 supervisory levels). b. JSOF unit, grade per lines 8-10. 2. S4 of Tng Bn, Sqdn, and Bde. 3. Performs additional "Mail handling" duties. ASI F5 not authorized for use with this position.

**Table 10-71L-2**  
**Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
20	ADMINISTRATIVE SGT	71L20	SGT													<ol style="list-style-type: none"> <li>1. Admin Spt positions in Ofc, Dir, Div, Sec, Tm or Elm of MACOM and major subordinate command, and U.S. Army Lab when principal officer position is graded LTC, COL, BG; or civilian GS 14/15 and SES.</li> <li>2. S1, S5 Sec of USAG, ATC, USA Sch; MACOM; and military community (MILCOM). Second position graded SPC.</li> <li>3. U.S. Army Broadcasting Station; all PA Sec, or Cmd Info Br.</li> <li>4. PERSCOM.</li> <li>5. NCO Academy, USAJFKSWCS.</li> <li>6. U.S. Army Information Systems Cmd (USAISC); Svc Sch; Congressional Inquiry Div; Elm of Unified Cmd; USAR Spt Gp; DINFOS, Intel and Threat Analysis Ctr; STRAT Def Cmd; MED-DAC or MEDCEN; and in Elm of the Ofc Sec of Def.</li> <li>7. Cmd Gp SHAPE.</li> <li>8. Sole Admin position in Br, Sec or Tm of DoD; USA Hq Army (Secretariat Staff) and Army Staff, Joint Acty, Int'l Mil Hq; and Unified Cmd when principal officer position is graded CPT, MAJ, LTC or civilian GS 13/14.</li> <li>9. S1 Sec, Bde (BCST), Hq, USAR Div Ex. Second position graded SPC.</li> <li>10. S2/S3 Ops Sec, Bde (BCST) Hq, USAR Div Ex.</li> <li>11. Personnel Mgmt Br, WHCA.</li> <li>12. Admin, Log and Ops, and Pers Div of USAREC Bn or Bde and USAREC Spt Cmd. Subsequent positions graded SGT.</li> <li>13. Br of Hq USAREC. Subsequent positions graded per lines 1-3.</li> <li>14. Ops and Testing Sec of Military Entrance Processing Station (MEPS) Acty. Subsequent positions graded SGT.</li> <li>15. Sole position in USAG West Point.</li> <li>16. USA Publications and Printing Agency: <ol style="list-style-type: none"> <li>a. Pers and Admin Ofc. Second position graded SPC.</li> <li>b. Log and Operations Br. Second position graded SPC.</li> <li>c. Branches A, B and C. Second position graded SGT.</li> </ol> </li> </ol>

**Table 10-71L-2  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
21	ADMINISTRATIVE SGT	71L30	SSG													<ol style="list-style-type: none"> <li>1. Division of Hq USAREC.</li> <li>2. Second enlisted processing NCO position in ops and/or testing sec of Joint MEPS Acty authorized 9-20 personnel.</li> <li>3. Admin Spt position in Ofc of SGS, Dep CG or Cmdr, Dir, Div, Executive Services, and Dept of MACOM and major subordinate command; USA Sch, Tng Ctr, USAG, MEDCEN or MED-DAC when principal officer position is graded COL, BG, MG; or civilian GS 15 and SES. Second position graded SGT. Additional positions graded by lines 1-3.</li> <li>4. Comptroller section, DRM or DCSRM of MACOM or USAG.</li> <li>5. USA Band Elm, Family Spt Div, Army Community Spt (ACS) Br, Alcohol &amp; Drug Br or for similar community services of USAG; or MILCOM for non-combatant evacuation operations (NEO).</li> <li>Subsequent positions graded by lines 1-3.</li> <li>6. Tng ofc of Tng Ctr, Tng Committee, Tng Co (Basic and Advanced Individual Tng and/or OSUT) of Svc Sch and Tng Ctr; and in Co (non-training mode, i.e., HHC of MACOM). <ol style="list-style-type: none"> <li>a. Duty position will be titled "Ops/Admin SGT" when principal NCO position is graded 1SG.</li> <li>b. Only one position will be graded SSG. Subsequent positions graded by lines 1-3.</li> </ol> </li> <li>7. Language Lab Section of USA Def Lang Inst.</li> <li>8. Resource Mgmt Ofc when principal officer position is GS 13. Second position is graded SGT. Subsequent positions graded by lines 1-3.</li> <li>9. Admin Exec Div of DCSLOG.</li> <li>10. WHCA, Hq unit. Subsequent position graded SGT.</li> <li>11. When principal supervisory position is civilian a military position will not be titled as supervisor.</li> <li>12. Principal Admin NCO supervising four or more admin personnel in MACOM, USA Element, and subordinate command, USA Sch, Tng Ctr, and USAG.</li> <li>13. Supv position in DIA, Alert Ctr Div. Second position graded SSG, all others graded SGT.</li> <li>14. Sole Admin position in Br, Sec or Tm of DoD; USA Hq Army (Secretariat Staff) and Army Staff, Joint Acty, Int'l Mil Hq; and Unified cmd when principal officer position is graded COL or GS 15.</li> <li>15. WHCA, Admin Svc Br. Second position graded SSG.</li> <li>16. DIA: <ol style="list-style-type: none"> <li>a. JT STF Intel Spt section.</li> <li>b. Dir Spt Div</li> </ol> </li> <li>17. USA Elm United Nations (UNC Rear, &amp; Admin Ofc). Subsequent positions graded SSG.</li> <li>18. USAE Forces Korea Admin Br. Second position graded SGT.</li> <li>19. Def Mgt Sup Sys Ct, USAE Medical Spt Activity.</li> <li>20. Force Integ Div (FM), USAISC Management Engineering Activity.</li> <li>21. USAE Allied Forces Southern Cmd/AFSOUTH: <ol style="list-style-type: none"> <li>a. Admin/Pers/Scty.</li> <li>b. Pers Svc Ctr. Second position graded SGT.</li> </ol> </li> <li>22. G1/AG Br, USAG Hawaii.</li> </ol>
22	ADMINISTRATIVE SGT	71L40	SFC													<ol style="list-style-type: none"> <li>1. Principal administrative NCO: <ol style="list-style-type: none"> <li>a. Program Executive Ofc (PEO), and Mgmt Review Sec or Br of U.S. Army Acq Mgmt Agcy.</li> <li>b. DPCA of USAG when principal officer position is graded CPT, MAJ, or civilian GS 09/12.</li> <li>c. Sec Opns Br in USA Elm DIA. Second position graded SSG, third position graded SGT, fourth position graded SPC.</li> </ol> </li> <li>2. USA Elm of Joint Acty. Use with SQI L.</li> <li>3. Directorate of Hq USAREC.</li> <li>4. USA Elm Def Log Agcy Adm Spt Ctr.</li> <li>5. USAE EUCOM J3 Ops Dir. All subsequent positions graded SGT.</li> <li>6. USAE Pacific Stars &amp; Stripes.</li> <li>7. Dir for Intel &amp; CI in USA Tank Automotive and Armaments Cmd.</li> </ol>

**Table 10-71L-2  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
23	ADMINISTRATIVE SUPV	71L40	SFC													<ol style="list-style-type: none"> <li>1. Admin position in Ofc of SGS, Dir, Div, and Dept of MACOM and major subordinate command, USA Sch, Tng Ctr, and USAG when principal officer position is graded LTG or GEN; or civilian SES. Second position graded SSG, and all subsequent positions graded SGT.</li> <li>2. Admin position. Second position graded SSG, and all subsequent positions graded SGT:               <ol style="list-style-type: none"> <li>a. U.S. Army Svc Ctr for Armed Forces Ops sec.</li> <li>b. Executive Staff Gp in ODCSLOG and USAE EUCOM.</li> <li>c. Admin Br in LANDCENT.</li> <li>d. USA Intel. Ops Detachment</li> <li>e. USA Sim Tng/Instrumentation Cmd.</li> <li>f. DIA, Plans &amp; Ops Div, Def LNO.</li> <li>g. USAE Sp Ops Cmd, Mgmt Opns Div.</li> <li>h. Hq USAPAC:                   <ol style="list-style-type: none"> <li>(1) Cmd/Ctrl-J3.</li> <li>(2) Sch &amp; Adm Br.</li> </ol> </li> <li>i. USAE Southern Cmd Hq, Sec Joint Staff.</li> <li>j. USAE Ofc of Defense Cooperation.</li> </ol> </li> <li>3. WHCA:               <ol style="list-style-type: none"> <li>a. Admin Svc Records Ctr.</li> <li>b. Personnel Nominative Br.</li> <li>c. Reqmts &amp; Intg Div.</li> <li>d. Sec Op &amp; Intel Br.</li> <li>e. Stf Spt Unit Hq.</li> <li>f. Data Sys Unit Hq.</li> <li>g. Trans Sys Unit Hq.</li> </ol> </li> <li>4. Casualty operations branch and/or casualty support division of PERSCOM. Second position graded SSG.</li> <li>5. Secretary Ofc of U.S. Army Foreign Science and Tech Ctr; Clim Chmbrs Ofc in USA Natick Research Ctr. Subsequent position graded SGT.</li> <li>6. Mail and Dist Br or Ctr of DoD, USA Hq (Army Secretariat), Army Staff, Joint Acty, Int'l Mil Hq and unified Cmd when principal officer position is graded LTG-GEN or civilian SES. Second position graded SSG.</li> <li>7. Senior Army NCO supervisor in Ops and/or Testing Sec of Joint MEPS Acty.</li> <li>8. USAE Defense Sp Weapons Field Cmd. Second position graded SGT.</li> <li>9. Presidential Cntg Program, USA Washington Hq Service Elm. Second position graded SGT.</li> <li>10. Mail and Records Branch, USA Congressional Inquiry Division. Second position graded SGT.</li> <li>11. Admin Office, Plans/Ops Br, USA Elm United Stations (Seoul). Second position graded SGT.</li> <li>12. Special Actions Br, Operations Div, USAE Hq Central Cmd. Second position graded SGT.</li> <li>13. CECOM and Read Section, USA Communications-Electronics Cmd Hq.</li> <li>14. Foreign Intel Div, USA Armament Research Dev and Engineering Ctr.</li> <li>15. Plans/Ops, USA TRADOC.</li> <li>16. Chemical Wpns Div, USAE On Site Inspection Agency.</li> <li>17. USAALS Supt Gp, USA Aviation Logistical School.</li> <li>18. Presentation Br, USAE USTRANSCOM Joint Intel Ctr. Second position graded SGT.</li> <li>19. Operations Dir J3, USAE Alaska Cmd.</li> </ol>



**Table 10-71L-2  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
																39. USAE Allied Forces Southern Europe/AFSOUTH: a. Admin Sec. Second position graded SSG; third position graded SPC. b. CIS Div. Second position graded SSG; third position graded SGT. c. Records Section. d. Hq Cmd. Second position graded SPC. e. Info Mgt Ofc. Second position graded SGT. 40. Pers & Admin Dir, USAE Sp Ops Cmd, Europe. 41. Pers Admin, Special Op Cmd Atlantic, SOCLANT. Second position graded SGT. 42. Admin Svc Br, USAE Defense Subsistence Region Europe. 43. Intel Spt, USA Intelligence Staff Spt Agency. 44. USAE National Defense University: a. Security Dir. b. Operations Dept. Second position graded SPC. c. Dept of Admin. 45. Stu Opns Br, USAE Def Equal Opportunity Mgt Institute. Second position graded SGT. 46. Ind & Anal Ctr, USAE SOUTHCOM Joint Intelligence Ctr. 47. ODR Costa Rica, USAE SOUTHCOM Special Activity. 48. Joint Secretariat, USAE U.S. Transportation Cmd. Second position graded SGT. 49. CNTRNARC Div, USAE FORSCOM Joint Task Force Six. 50. Assess Admin Div, USAE U.S. Special Operations Cmd 51. Info Mgmt Sus Div, USA Operational Test & Evaluation Agency. 52. U.S. Total Army Personnel Command: a. Opns Br. b. Mob Plans & Opns Div. Second position graded SGT. c. The Adj Gen Dir. d. Info Plan & Admin Br. Second position graded SGT. 53. Detachment 16, U.S. Army Foreign Counterintelligence Activity. 54. U.S. EUCOM NATO School and Marshall Ctr: a. Academic Progs Dir. b. Registrar Br. 55. Cp Long, U.S. Army Area II Support Activity Korea. Second position graded SGT. 56. USAE Joint Health Service Agency: a. AFPMB. b. ASBPO. 57. Hq and Instl Spt Act U.S. Army Mil Dist of Wash: a. ODCSPER.  b. Mil Pers Mgt Div. 58. Space and Strategic Space Cmd (Kwajalein). Second position graded SGT.
24	LIAISON SERGEANT	71L4O	SFC													1. Liaison Ofc of USA Acq Mgmt Agcy. 2. USA Elm or FOA.
25	CAREER ADVISOR	71L4O	SFC													AG/Fin Br, PERSCOM.
26	DETACHMENT SER-GEANT	71L4O	SFC													Principal NCO in Det Hq.
27	ADMINISTRATIVE SGT	71L5O	MSG													Special Security Office (SSO) Ofc of Army Joint Acty, FOA, AMC Intel/Technology Security Acty.

**Table 10-71L-2  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
28	CHIEF ADMIN SUPV	71L50	MSG													<p>1. Principal Admin NCO in:</p> <p>a. DPCA of MACOM when principal officer is graded LTC or civilian GS 13/14 (except as noted in line 29) or USA Tng Ctr.</p> <p>b. Admin Ofc, Ofc of the CINC, Cmd Spt and Coord Div of MACOM when principal officer position is graded GEN.</p> <p>c. Dir Spt Div, USA Elm DIA. Second position graded SGT.</p> <p>d. USA Elm Pacific Cmd:</p> <p>(1) Admin Br. Second position graded SGT.</p> <p>(2) Admin Spt Br. Second position graded SSG; third position graded SGT.</p> <p>e. USA Elm U.S. Forces Korea:</p> <p>(1) Plans &amp; Opns Div.</p> <p>(2) Publ &amp; Mgmt Br.</p> <p>(3) Admin Spt Ofc.</p> <p>f. Admin Svcs Div, USA Elm Southern Cmd. Second position graded SSG; third position graded SGT.</p> <p>g. Ofc of SGS, USA South. Second position graded SGT.</p> <p>h. USA SETAF:</p> <p>(1) CofS. Second position graded SGT.</p> <p>(2) G1 Admin.</p> <p>i. USA Elm Def Spt Act. Second position graded SFC. Subsequent positions graded SSG.</p> <p>j. ACofS for Svc Spt and Maint, and Admin Sec of Spt Br in USA Elm of MACOM. Subsequent position graded SSG.</p> <p>k. Sp Rev Bd, HHC PERSCOM.</p> <p>l. WHCA:</p> <p>(1). Security and Safety Div.</p> <p>(2). WHCA Hq. Second position is SSG.</p> <p>m. Staff Ops, Msg Cen, and J3 Elm of DoD Agcy. Subsequent position graded SSG.</p> <p>n. Sec of Joint Staff; and in Pers Div, Admin Spt Gp, Admin and Log Div, IMO, and Plans Tm in Joint SOF unit of DoD, and Hq Spt Br of Joint Acty. Subsequent position graded SSG.</p> <p>o. Admin Spt Div of AG Co.</p> <p>p. Tng, Customs and Asst Br, Admin Div, and in Ln Ofc of FOA.</p> <p>q. Plans and Ops Div, Admin Spt, Staff Actions Sec, Cmd Dist Ctr, and Troop Cmd in USA Elm of Int'l Mil Hq.</p> <p>r. Civil Affairs (CA) Co and Det coordinating Staff Sec, and CINC Spt Tm. Subsequent position graded SSG.</p> <p>s. Acty Ofc and Command Sec of Sp Proj Cmd. Subsequent position graded SSG.</p> <p>t. Ofc IG, SMA and DCSOPS of HQDA. JACO/JDCS sections subsequent positions also graded SFC.</p> <p>u. SPASAC Ofc (CINC Mtrs). Second position graded SSG.</p> <p>v. Latin Am Div of DIA.</p> <p>r. Admin Sec of USA Elm Allied Forces Central Europe Hq. Second position graded SGT.</p> <p>s. Ops and Admin Sec in JCS. Subsequent positions SSG.</p> <p>t. USA Elm Ofc of Sec of Def:</p> <p>(1) Policy, Second position graded; third position graded SSG; subsequent positions SGT.</p> <p>(2) Intl Sec Pol. Subsequent positions SGT.</p> <p>(3) USNATO. Subsequent positions graded SSG.</p> <p>(4) Exec Secretariat. Second position graded SFC. Subsequent positions graded SGT.</p> <p>u. USA Elm Hq Def Inf Sys Agcy, ofc of COS. Second position SSG; third position SGT.</p> <p>2. AG/Fin Br, PERSCOM.</p> <p>3. Off/En/Civ Mgmt Br of West Point. Subsequent positions graded SGT.</p> <p>4. USA Reserve Affairs, Europe, DCST.</p>

**Table 10-71L-2  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
																5. USA Elm SHAPE: (1) Sole positions in Infrastructure Sect; PANDA Section. (2) Msg Div. Subsequent positions graded SGT. 6. USA Sp Activities Mgmt Unit, Operations Spt. 7. Sole position in ODC Tunisia. 8. Dept Army Review Boards Agcy. 9. USA Elm Natl Def University: a. Per/Admin Dir. b. Per/Admin Div. 10. USAR Full-Time Spt USAR Garr. 11. Hq FORSCOM Security. 12. Coord/Sch Br, USA Elm OnSite Inspection Agcy. 13. Defense Legal Svcs Agency. Second position graded SSG; third position graded SGT; fourth position graded SPC. 14. USA Elm Hq Central CMD, Intertheater COMSEC NCO. 15. Ofc of SGS, USA Pacific Activity. Second position graded SSG. Subsequent positions graded SGT. 16. USA Elm Jt Interoperability/Engr Organization, MBGA Org Res Div. Subsequent positions graded SSG. 17. USA Joint Systems Control Activity, Pers/Admin Sys Gp. Second position graded SFC; third position graded SSG; subsequent positions graded SGT. 18. USA Exercise Spt Agcy 19. USA Joint Planning Spt Agency (Plans Team D). Subsequent positions also graded MSG.
29	FIRST SERGEANT	71L5M	1SG													1. Principal NCO in Cmd Gp of Joint MEPS Acty. 2. Principal NCO in Hq Co.
30	SR ADMIN SUPV	71L5O	SGM													1. CGSC-DepComdt, CAC Ft Leavenworth. 2. DPCA in a USAG, USA Tng Ctr, USA MEDCEN and USA Spt Cmd of MACOM and/or its major subordinate cmds when principal officer position is graded COL or civilian GS 15. 3. DCA, USA Inf Ctr and Ft Benning. 4. DCFA, USA Armor Ctr and Ft Knox. 5. Cdrs Ofc, USA Soldier Systems Cmd. 6. Cdrs Ofc, USA Land Central Europe. 7. Ofc of Dir, Defense Special Weapons Nuclear Agency. 8. Ofc of Dir, Com and Fam Activity, USA Avn Ctr & Ft Rucker. 9. USAG, Fts McPherson, Hood and Leavenworth and Carlisle Barracks. 10. OUSD (Acq), USA Elm Sec of Defense. 11. Ofc of the Cdr, USA TACOM Support Acty Selfridge. 12. Cmd Reserve, Hq and Instl Spt Acty, USA MDW. Second position graded MSG, third position graded SFC, fourth position graded SSG. All subsequent positions SGT. 13. Hq U.S. Mil Obs Spt Gp, USA Military Observer Group Washington. 14. Admin Sec, U.S. Elm Allied Forces, Southern Europe. 15. USA Washington Hq Svc Elm 16. USAE Joint Cmd/Control Electronic Warfare Center. 17. AG Sec, USAG Panama. 18. Ofc of Cmdr, Korea Svc Corps Bn. 19. Dir of Cmty actvs, USAG Ft Hood.
<b>Protocol SGT</b>																
31	PROTOCOL SER-GEANT	71L3O	SSG													Protocol Ofc, Sec, or Cmd Gp. Second position graded SGT. Subsequent positions graded SPC.
32	SR PROTOCOL SER-GEANT	71L5O	MSG													Protocol Ofc, USA Sergeants Major Academy. Second position graded SSG.
33	CH PROTOCOL SER-GEANT	71L5O	SGM													Protocol Ofc of the Chief, USA.
<b>Courier</b>																

**Table 10-71L-2  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
34	COURIER	71L10	PFC				1	2	2	2	3	3	3	3	USA Def Svc Elm; Army Attached; or in MACOM; Int'l Hq; Unified and Specified Cmd.
35	COURIER	71L20	SGT	1	1	1	1	1	2	2	2	3	3		
36	COURIER	71L30	SSG				1	1	1	1	2	2	2	3	
37	COURIER	71L40	SFC	1	1	1	1	1	1	1	1	1	1	1	
38	CHIEF COURIER	71L50	MSG												Courier Svc Sec in USA Elm of North American Region; U.S. SPACECOM; Int'l Hq; and UN/Combined Forces Cmd.
<b>Postal Operations (ASI F4/F5) (lines 39-48 Only)</b>															
39	POSTAL CLERK	71L10F5	PFC		1	1	2	2	3	3	3	4	4	4	Acty and in Postal Svc Ctr of MACOM providing direct and general (DS/GS) in postal Svcs.
40	POSTAL SPECIALIST	71L10F5	SPC	1	1	1	1	2	2	3	4	4	4		
41	POSTAL SERGEANT	71L20F5	SGT				1	1	1	1	1	1	1	2	
42	POSTAL SERGEANT	71L40F4	SFC				1	2	3						Postal ops Br in Postal Div of HQDA Joint Acty. 2. Svc Ctr Honshu, Japan
43	POSTAL SERGEANT	71L50F4	MSG	1	1	1	1								
44	POSTAL SERGEANT	71L20F5	SGT												Space and Strategic Space cmd (Kwajalein).
45	POSTAL SUPERVISOR	71L30F4	SSG												Principal NCO is postal section providing DS/GS postal services for Postal Svc Ctr of MACOM.
46	POSTAL INSPECTOR	71L40F4	SFC												MACOM Hq.
47	POSTAL SUPERVISOR	71L40F4	SFC												Principal NCO in Postal Fin Sec providing DS/GS postal services for Postal Svc Ctr of MACOM and MPSA.
48	SR POSTAL INSPECTOR	71L50F4	MSG												Principal NCO in Postal Ofc providing DS/GS postal services for Postal Svc Ctr of MACOM; Army Secretariat, Sec of the Army.
49	CH POSTAL SGM	71L50F4	SGM												Principal NCO in Postal Ops Div, Mil Postal Acty, Sec of the Army.
<b>Executive Administrative Assistant (ASI E3)</b>															
50	EXECUTIVE ADMIN ASST	71L10E3	SPC												1. Direct support of Cdr, CofS or XO position in the grade of COL. 2. USAR Full Time Spt 3. III Corps NCO Academy. 4. USA Elm Ofc of Econ Adjut. 5. EUCOM Hq Historian Ofc.
51	EXECUTIVE ADMIN ASST	71L20E3	SGT												1. Direct support of BG or SES equivalent. 2. Ofc of the Secretary of the Army. Second position also graded SGT. 3. SGS: a. Hq USARSO. Second position also graded SGT. b. USA Opn Test & Eval. 4. Cmd Sec and G3, HHC SETAF & 5th Spt Cmd. 5. ARSTAFF Clerical Spt Gp, Hqs MDW. Subsequent positions graded SGT. 6. Ofc CofS Army and VCSA. 7. NCCS/NSS and OASD, USA Elm OSD. 8. Army Ops Ctr, USA Cmd Control Spt. Second thru fourth positions graded SGT. 9. Ops Br, USA Elm CENTAG. 10. Exe Ofc, USA Elm AFCE. 11. DCSIM USAR Full Time Spt. 12. Center for Mil History. 13. Def Tech Sec Agcy, USA Elm DTSA. 14. USA Elm Wash Hq. 15. Dep IG, USA Elm Hq CENTCOM. 16. USA Info Mgmt Spt Agcy. 17. Log Cell, HHC 21st TAACOM. Subsequent positions graded SPC. 18. Pol Adv, USA Elm EUCOM. 19. Exec Ofc, U.S. Army Elm, Allied Forces Central Europe Hq.

**Table 10-71L-2  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
52	EXECUTIVE ADMIN ASST	71L3OE3	SSG													1. Direct support of a MG or SES equivalent or higher. 2. Cmd Sec of ARCENT Tng Scty Kuwait. 3. Admin and S1 Sec, USA Elm CENTAG. 4. ARRC/FST, Hq AFCE. 5. ODCOS, Hq AFSOUTH. 6. SGS, USA Elm ALFSEE. 7. President Contgcy Prog, USA Elm Wash Hq.
<b>Attache Sergeant (ASI E4) (lines 52-54 only)</b>																
53	ATTACHE ADMIN SGT	71L3OE4	SSG		1	2	2									Def Army Attache Ofc in U.S. Embassy; FOA and Army Secretariat, Joint and Spt Act.
54	ATTACHE ADMIN SGT	71L4OE4	SFC	1	1	1	2									
55	ATTACHE OPERATIONS SGT	71L5OE4	MSG													Def Army Attache Ofc in U.S. Embassies in Bulgaria, Ireland, Minsk, Bangladsh, and Malawi, Gahana, Haiti, Moldova, Uzbekistan, Yemen.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-71L-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	ADMINISTRATIVE CLERK	71L1O	PFC	1	2	2	2	2	2							1. Grades of additional positions will be in same pattern. 2. U.S. Army School, NCO Academy or Integrated Center and School. 3. Academy of Health Sciences, AMEDD School and Center. 4. U.S. Army Garrison, Training Battalion and Bde. 5. MACOM Functional Center and Installation. 6. CONUSA and Specified Command. 7. Admin personnel not in performance of direct and general service support, but performing "Mail Handling" duties as "mail delivery clerk or specialist" will be titled and graded per lines 1-5. ASI F5 not authorized for use with these positions.
2	ADMINISTRATIVE SP	71L1O	SPC	1	1	1	1	1	2	2						
3	ADMINISTRATIVE SGT	71L2O	SGT			1	1	1	1							
4	ADMINISTRATIVE SUPV	71L3O	SSG				1	1	1							
5	ADMINISTRATIVE SUPV	71L4O	SFC							1						
6	ADMINISTRATIVE SP	71L1O	SPC	1	1	2	2	3	3	4						1. Admin Spt in Admin cell, Contrl Sec, Commo Sys and Tng Sec, Plans and Ops Br, Msg Ctr, Test Tm, and Sec of Det and in Trp Hq of USA Field Elm. 2. Personnel Security Screening Point Detachments.
7	ADMINISTRATIVE SGT	71L2O	SGT	1	1	2	2	3	3							
8	ADMINISTRATIVE SP	71L1O	SPC	1	1	1	2	3	4							Admin Spt in Ofc, Dir, Div, Br, Sec, or Tm when lines 6-7 do not apply.
9	ADMINISTRATIVE SGT	71L2O	SGT	1	1	1	2	2	2	2						
10	ADMINISTRATIVE SUPV	71L3O	SSG		1	1	1	1	1							
11	ADMINISTRATIVE SP	71L1O	SPC	1	2	3	3									SSO or IMO for Sp Scty Ops and Doc Con Cust duties in Acty or Instl of USAG, DoD, FOA, Joint Acty, and HQDA.
12	ADMINISTRATIVE SGT	71L2O	SGT	1	1	1	1	1								
13	ADMINISTRATIVE SUPV	71L3O	SSG				1									

**Table 10-71L-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
14	ADMINISTRATIVE SGT	71L3O	SSG	1												Special Security Operations, or Office (SSO) or Information Management Office (IMO) for Sp Scty Ops and Doc Con Cust duties in USA Sch, Instl or USA Joint Acty, DoD, FOA, MACOM and HQDA when lines 11-13 do not apply. First and second positions only; subsequent positions graded SGT.
15	ADMINISTRATIVE SGT ADMINISTRATIVE SUPV	71L4O	SFC	1	1											
16	ADMINISTRATIVE SGT	71L2O	SGT	1	1											ROTC colleges.
17	ADMINISTRATIVE SGT	71L3O	SSG	1	1	1										
18	ADMINISTRATIVE SGT	71L4O	SFC	1												
19	ADMINISTRATIVE CLERK	71L1O	PFC													1. Co, Plt, Det and Agcy Hq Cmd Sec; or in a Co Sec, Tm, Ctr, Elm of MACOM and major subordinate command; U.S. Army Sch, Tng Ctr in USAG, or CID RA and District. Except when: a. Principal officer position is W4 or MAJ grade as SPC; SGT if LTC/COL, or civilian (GS 14/15 supervisory levels). b. JSOF unit, grade per lines 8-10. 2. S4 of Tng Bn, Sqdn, and Bde. 3. Performs additional "Mail handling" duties. ASI F5 not authorized for use with this position.
20	ADMINISTRATIVE SGT	71L2O	SGT													1. Admin Spt positions in Ofc, Dir, Div, Sec, Tm or Elm of MACOM and major subordinate command, and U.S. Army Lab when principal officer position is graded LTC, COL, BG; or civilian GS 14/15 and SES. 2. S1, S5 Sec of USAG, ATC, USA Sch; MACOM; and military community (MILCOM). Second position graded SPC. 3. U.S. Army Broadcasting Station; all PA Sec, or Cmd Info Br. 4. PERSCOM. 5. NCO Academy, USAJFKSWCS. 6. U.S. Army Information Systems Cmd (USAISC); Svc Sch; Congressional Inquiry Div; Elm of Unified Cmd; USAR Spt Gp; DINFOS, Intel and Threat Analysis Ctr; STRAT Def Cmd; MED-DAC or MEDCEN; and in Elm of the Ofc Sec of Def. 7. Cmd Gp SHAPE. 8. Sole Admin position in Br, Sec or Tm of DoD; USA Hq Army (Secretariat Staff) and Army Staff, Joint Acty, Int'l Mil Hq; and Unified Cmd when principal officer position is graded CPT, MAJ, LTC or civilian GS 13/14. 9. S1 Sec, Bde (BCST), Hq, USAR Div Ex. Second position graded SPC. 10. S2/S3 Ops Sec, Bde (BCST) Hq, USAR Div Ex. 11. Personnel Mgmt Br, WHCA. 12. Admin, Log and Ops, and Pers Div of USAREC Bn or Bde and USAREC Spt Cmd. Subsequent positions graded SGT. 13. Br of Hq USAREC. Subsequent positions graded per lines 1-3. 14. Ops and Testing Sec of Military Entrance Processing Station (MEPS) Acty. Subsequent positions graded SGT. 15. Sole position in USAG West Point. 16. USA Publications and Printing Agency: a. Pers and Admin Ofc. Second position graded SPC. b. Log and Operations Br. Second position graded SPC. c. Branches A, B and C. Second position graded SGT.

**Table 10-71L-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
21	ADMINISTRATIVE SGT	71L3O	SSG													<ol style="list-style-type: none"> <li>1. Division of Hq USAREC.</li> <li>2. Second enlisted processing NCO position in ops and/or testing sec of Joint MEPS Acty authorized 9-20 personnel.</li> <li>3. Admin Spt position in Ofc of SGS, Dep CG or Cmdr, Dir, Div, Executive Services, and Dept of MACOM and major subordinate command; USA Sch, Tng Ctr, USAG, MEDCEN or MED-DAC when principal officer position is graded COL, BG, MG; or civilian GS 15 and SES. Second position graded SGT. Additional positions graded by lines 1-3.</li> <li>4. Comptroller section, DRM or DCSRM of MACOM or USAG.</li> <li>5. USA Band Elm, Family Spt Div, Army Community Spt (ACS) Br, Alcohol &amp; Drug Br or for similar community services of USAG; or MILCOM for non-combatant evacuation operations (NEO). Subsequent positions graded by lines 1-3.</li> <li>6. Tng ofc of Tng Ctr, Tng Committee, Tng Co (Basic and Advanced Individual Tng and/or OSUT) of Svc Sch and Tng Ctr; and in Co (non-training mode, i.e., HHC of MACOM). <ol style="list-style-type: none"> <li>a. Duty position will be titled "Ops/Admin SGT" when principal NCO position is graded 1SG.</li> <li>b. Only one position will be graded SSG. Subsequent positions graded by lines 1-3.</li> </ol> </li> <li>7. Language Lab Section of USA Def Lang Inst.</li> <li>8. Resource Mgmt Ofc when principal officer position is GS 13. Second position is graded SGT. Subsequent positions graded by lines 1-3.</li> <li>9. Admin Exec Div of DCSLOG.</li> <li>10. WHCA, Hq unit. Subsequent position graded SGT.</li> <li>11. When principal supervisory position is civilian a military position will not be titled as supervisor.</li> <li>12. Principal Admin NCO supervising four or more admin personnel in MACOM, USA Element, and subordinate command, USA Sch, Tng Ctr, and USAG.</li> <li>13. Supv position in DIA, Alert Ctr Div. Second position graded SSG, all others graded SGT.</li> <li>14. Sole Admin position in Br, Sec or Tm of DoD; USA Hq Army (Secretariat Staff) and Army Staff, Joint Acty, Int'l Mil Hq; and Unified cmd when principal officer position is graded COL or GS 15.</li> <li>15. WHCA, Admin Svc Br. Second position graded SSG.</li> <li>16. DIA: <ol style="list-style-type: none"> <li>a. JT STF Intel Spt section.</li> <li>b. Dir Spt Div</li> </ol> </li> <li>17. USA Elm United Nations (UNC Rear, &amp; Admin Ofc). Subsequent positions graded SSG.</li> <li>18. USAE Forces Korea Admin Br. Second position graded SGT.</li> <li>19. Def Mgt Sup Sys Ct, USAE Medical Spt Activity.</li> <li>20. Force Integ Div (FM), USAISC Management Engineering Activity.</li> <li>21. USAE Allied Forces Southern Cmd/AFSOUTH: <ol style="list-style-type: none"> <li>a. Admin/Pers/Scty.</li> <li>b. Pers Svc Ctr. Second position graded SGT.</li> </ol> </li> </ol>
22	ADMINISTRATIVE SGT	71L4O	SFC													<ol style="list-style-type: none"> <li>1. Principal administrative NCO: <ol style="list-style-type: none"> <li>a. Program Executive Ofc (PEO), and Mgmt Review Sec or Br of U.S. Army Acq Mgmt Agcy.</li> <li>b. DPCA of USAG when principal officer position is graded CPT, MAJ, or civilian GS 09/12.</li> <li>c. Sec Opns Br in USA Elm DIA. Second position graded SSG, third position graded SGT, fourth position graded SPC.</li> </ol> </li> <li>2. USA Elm of Joint Acty. Use with SQI L.</li> <li>3. Directorate of Hq USAREC.</li> <li>4. USA Elm Def Log Agcy Adm Spt Ctr.</li> <li>5. USAE EUCOM J3 Ops Dir. All subsequent positions SGT.</li> <li>6. USAE Pacific Stars &amp; Stripes.</li> <li>7. Dir for Intel &amp; CI in USA Tank Automotive and Armaments Cmd.</li> </ol>

**Table 10-71L-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
23	ADMINISTRATIVE SUPV	71L40	SFC													<ol style="list-style-type: none"> <li>1. Admin position in Ofc of SGS, Dir, Div, and Dept of MACOM and major subordinate command, USA Sch, Tng Ctr, and USAG when principal officer position is graded LTG or GEN; or civilian SES. Second position graded SSG, and all subsequent positions graded SGT.</li> <li>2. Admin position. Second position graded SSG, and all subsequent positions graded SGT:               <ol style="list-style-type: none"> <li>a. U.S. Army Svc Ctr for Armed Forces Ops sec.</li> <li>b. Executive Staff Gp in ODCSLOG and USAE EUCOM.</li> <li>c. Admin Br in LANDCENT.</li> <li>d. USA Intel. Ops Detachment</li> <li>e. USA Sim Tng/Instrumentation Cmd.</li> <li>f. DIA, Plans &amp; Ops Div, Def LNO.</li> <li>g. USAE Sp Ops Cmd, Mgmt Opns Div.</li> <li>h. Hq USAPAC:                   <ol style="list-style-type: none"> <li>(1) Cmd/Ctrl-J3.</li> <li>(2) Sch &amp; Adm Br.</li> </ol> </li> <li>i. USAE Southern Cmd Hq, Sec Joint Staff.</li> <li>j. USAE Ofc of Defense Cooperation.</li> </ol> </li> <li>3. WHCA:               <ol style="list-style-type: none"> <li>a. Admin Svc Records Ctr.</li> <li>b. Personnel Nominative Br.</li> <li>c. Reqmts &amp; Intg Div.</li> <li>d. Sec Op &amp; Intel Br.</li> <li>e. Stf Spt Unit Hq.</li> <li>f. Data Sys Unit Hq.</li> <li>g. Trans Sys Unit Hq.</li> </ol> </li> <li>4. Casualty operations branch and/or casualty support division of PERSCOM. Second position graded SSG.</li> <li>5. Secretary Ofc of U.S. Army Foreign Science and Tech Ctr; Clim Chmbrs Ofc in USA Natick Research Ctr. Subsequent position graded SGT.</li> <li>6. Mail and Dist Br or Ctr of DoD, USA Hq (Army Secretariat), Army Staff, Joint Acty, Int'l Mil Hq and unified Cmd when principal officer position is graded LTG-GEN or civilian SES. Second position graded SSG.</li> <li>7. Senior Army NCO supervisor in Ops and/or Testing Sec of Joint MEPS Acty.</li> <li>8. USAE Defense Sp Weapons Field Cmd. Second position graded SGT.</li> <li>9. Presidential Cntg Program, USA Washington Hq Service Elm. Second position graded SGT.</li> <li>10. Mail and Records Branch, USA Congressional Inquiry Division. Second position graded SGT.</li> <li>11. Admin Office, Plans/Ops Br, USA Elm United Stations (Seoul). Second position graded SGT.</li> <li>12. Special Actions Br, Operations Div, USAE Hq Central Cmd. Second position graded SGT.</li> <li>13. CECOM and Read Section, USA Communications-Electronics Cmd Hq.</li> <li>14. Foreign Intel Div, USA Armament Research Dev and Engineering Ctr.</li> <li>15. Plans/Ops, USA TRADOC.</li> <li>16. Chemical Wpns Div, USAE On Site Inspection Agency.</li> <li>17. USAALS Supt Gp, USA Aviation Logistical School.</li> <li>18. Presentation Br, USAE USTRANSCOM Joint Intel Ctr. Second position graded SGT.</li> <li>19. Operations Dir J3, USAE Alaska Cmd.</li> <li>20. Dir of Adm &amp; Log, Joint Interagency Task Force West.</li> <li>21. Def Tech Sec Agcy. USAE Defense Technology Security Administration. First thru third positions graded SFC, fourth thru sixth positions graded SSG and subsequent positions graded SGT.</li> <li>22. Amer Forces Info Svc, DINFOR (Ft Meade), USAE American Forces Information Service. Second position graded SSG and third position graded SGT.</li> <li>23. C4I Sys Div, USAE Def Info Sus Organ.</li> <li>24. XO/Pres, USA Support Outside DoD Activity. Second position graded SFC. Subsequent positions graded SSG.</li> </ol>

**Table 10-71L-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
															25. Ofc of DCSOPS, Intl Mil Affairs Div, Force Prot Acty, USA Pacific Activity. Second position graded SGT.
															26. Admin Sec, Exercise Br, USA Sp Operations Support Element. Second position graded SGT; third position graded SPC.
															27. Post Cdr F, USAG Alaska. Second position graded SGT.
															28. Admin Br, Joint Warfighting Ctr.
															29. Admin Sec, USA Equip Evaluation Activity. Second position graded SSG; third position graded SGT.
															30. Chief of Staff and G5 Sec, 2d Inf Div Aug. Second position graded SSG; third position graded SGT.
															31. Adjutant General Div, V Corps HHC Aug. Second position graded SPC.
															32. 7th Hq, HHC USAREUR 7th Army:
															a. ODCSINT Ofc CofS. Second and third position graded SGT.
															b. Counter Intel. Subsequent positions graded SGT.
															c. ODCSPER. Second and third position graded SFC; fourth position graded SSG and fifth position graded SGT.
															d. American Embassy (Bonn). Second position graded SSG.
															e. ODCSOPS.
															f. ODCSRM.
															33. Admin Div, 21st TAACOM HHC Aug.
															34. Inproc Trng Ctr, 104th ASG Aug. Subsequent positions graded SGT.
															35. USAE Ofc of the Joint Chiefs of Staff:
															a. Ops Div.
															b. Ofc Sup Br.
															c. Facilities Sec. Second position graded SGT. Subsequent positions graded SPC.
															d. NMCC OT-2, OT-3, OT-5. Second position graded SSG.
															e. Opr Tng Proc Sec.
															f. SOD, Opns & Admin.
															g. CENTCOM Div.
															h. NOD Sec. Second position graded SFC; third position graded SSG.
															i. Special Ops Div. Second position graded SSG.
															j. CNOD Admin.
															k. Actions/Records Mgt. Second position graded SGT.
															l. Dep Dir Inter.
															m. Special Projects.
															36. USAE Ofc of the Sec of Defense:
															a. Exec Secretariat. Subsequent positions graded SGT.
															b. SOLIC. Second position graded SFC; third position graded SGT.
															c. OAS (C31).
															d. OUSD (Acq). Second position graded SGT.
															e. Public Affairs. Second position graded SGT.
															37. USAE SHAPE:
															a. SAC Spt Stf. Second position graded SFC.
															b. Admin. Second position graded SFC.
															38. Registry Sec, USAE Allied Forces Central Europe Hq. Second position graded SPC.
															39. USAE Allied Forces Southern Europe/AFSOUTH:
															a. Admin Sec. Second position graded SSG; third position graded SPC.
															b. CIS Div. Second position graded SSG; third position graded SGT.
															c. Records Section.
															d. Hq Cmd. Second position graded SPC.
															e. Info Mgt Ofc. Second position graded SGT.
															40. Pers & Admin Dir, USAE Sp Ops Cmd, Europe.
															41. Pers Admin, Special Op Cmd Atlantic, SOCLANT. Second position graded SGT.
															42. Admin Svc Br, USAE Defense Subsistence Region Europe.
															43. Intel Spt, USA Intelligence Staff Spt Agency.

**Table 10-71L-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
																44. USAE National Defense University: a. Security Dir. b. Operations Dept. Second position graded SPC. c. Dept of Admin. 45. Stu Opns Br, USAE Def Equal Opportunity Mgt Institute. Second position graded SGT. 46. Ind & Anal Ctr, USAE SOUTHCOM Joint Intelligence Ctr. 47. ODR Costa Rica, USAE SOUTHCOM Special Activity. 48. Joint Secretariat, USAE U.S. Transportation Cmd. Second position graded SGT. 49. CNTRNARC Div, USAE FORSCOM Joint Task Force Six. 50. Assess Admin Div, USAE U.S. Special Operations Cmd 51. Info Mgmt Sus Div, USA Operational Test & Evaluation Agency. 52. U.S. Total Army Personnel Command: a. Opns Br. b. Mob Plans & Opns Div. Second position graded SGT. c. The Adj Gen Dir. d. Info Plan & Admin Br. Second position graded SGT. 53. Detachment 16, U.S. Army Foreign Counterintelligence Activity. 54. U.S. EUCOM NATO School and Marshall Ctr: a. Academic Progs Dir. b. Registrar Br. 55. Cp Long, U.S. Army Area II Support Activity Korea. Second position graded SGT. 56. USAE Joint Health Service Agency: a. AFPMB. b. ASBPO. 57. Hq and Instl Spt Act U.S. Army Mil Dist of Wash: a. ODCSPER. b. Mil Pers Mgt Div. 58. Space and Strategic Space Cmd (Kwajalein). Second position graded SGT.
24	LIAISON SERGEANT	71L40	SFC													1. Liaison Ofc of USA Acq Mgmt Agcy. 2. USA Elm or FOA.
25	CAREER ADVISOR	71L40	SFC													AG/Fin Br, PERSCOM.
26	DETACHMENT SER-GEANT	71L40	SFC													Principal NCO in Det Hq.
27	ADMINISTRATIVE SGT	71L50	MSG													Special Security Office (SSO) Ofc of Army Joint Acty, FOA, AMC Intel/Technology Security Acty.

**Table 10-71L-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
28	CHIEF ADMIN SUPV	71L5O	MSG													<p>1. Principal Admin NCO in:</p> <p>a. DPCA of MACOM when principal officer is graded LTC or civilian GS 13/14 (except as noted in line 29) or USA Tng Ctr.</p> <p>b. Admin Ofc, Ofc of the CINC, Cmd Spt and Coord Div of MACOM when principal officer position is graded GEN.</p> <p>c. Dir Spt Div, USA Elm DIA. Second position graded SGT.</p> <p>d. USA Elm Pacific Cmd:</p> <p>(1) Admin Br. Second position graded SGT.</p> <p>(2) Admin Spt Br. Second position graded SSG; third position graded SGT.</p> <p>e. USA Elm U.S. Forces Korea:</p> <p>(1) Plans &amp; Opns Div.</p> <p>(2) Publ &amp; Mgmt Br.</p> <p>(3) Admin Spt Ofc.</p> <p>f. Admin Svcs Div, USA Elm Southern Cmd. Second position graded SSG; third position graded SGT.</p> <p>g. Ofc of SGS, USA South. Second position graded SGT.</p> <p>&amp;emsp;h. USA SETAF:</p> <p>(1) CofS. Second position graded SGT.</p> <p>(2) G1 Admin.</p> <p>i. USA Elm Def Spt Act. Second position graded SFC. Subsequent positions graded SSG.</p> <p>j. ACofS for Svc Spt and Maint, and Admin Sec of Spt Br in USA Elm of MACOM. Subsequent position graded SSG.</p> <p>k. Sp Rev Bd, HHC PERSCOM.</p> <p>l. WHCA:</p> <p>(1). Security and Safety Div.</p> <p>(2). WHCA Hq. Second position is SSG.</p> <p>&amp;emsp;m. Staff Ops, Msg Cen, and J3 Elm of DoD Agcy. Subsequent position graded SSG.</p> <p>n. Sec of Joint Staff; and in Pers Div, Admin Spt Gp, Admin and Log Div, IMO, and Plans Tm in Joint SOF unit of DoD, and Hq Spt Br of Joint Acty. Subsequent position graded SSG.</p> <p>o. Admin Spt Div of AG Co.</p> <p>p. Tng, Customs and Asst Br, Admin Div, and in Ln Ofc of FOA.</p> <p>q. Plans and Ops Div, Admin Spt, Staff Actions Sec, Cmd Dist Ctr, and Troop Cmd in USA Elm of Int'l Mil Hq.</p> <p>r. Civil Affairs (CA) Co and Det coordinating Staff Sec, and CINC Spt Tm. Subsequent position graded SSG.</p> <p>s. Acty Ofc and Command Sec of Sp Proj Cmd. Subsequent position graded SSG.</p> <p>t. Ofc IG, SMA and DCSOPS of HQDA. JACO/JDCS sections subsequent positions also graded SFC.</p> <p>u. SPASAC Ofc (CINC Mtrs). Second position graded SSG.</p> <p>v. Latin Am Div of DIA.</p> <p>w. Admin Sec of USA Elm Allied Forces Central Europe Hq. Second position graded SGT.</p> <p>x. Ops and Admin Sec in JCS. Subsequent positions SSG.</p> <p>y. USA Elm Ofc of Sec of Def:</p> <p>(1) Policy, Second position graded; third position graded SSG; subsequent positions SGT.</p> <p>(2) Intl Sec Pol. Subsequent positions SGT.</p> <p>(3) USNATO. Subsequent positions graded SSG.</p> <p>(4) Exec Secretariat. Second position graded SFC. Subsequent positions graded SGT.</p> <p>z. USA Elm Hq Def Inf Sys Agcy, ofc of COS. Second position SSG; third position SGT.</p> <p>2. AG/Fin Br, PERSCOM.</p> <p>3. Off/En/Civ Mgmt Br of West Point. Subsequent positions graded SGT.</p> <p>4. USA Reserve Affairs, Europe, DCST.</p> <p>5. USA Elm SHAPE:</p> <p>(1) Sole positions in Infrastructure Sect; PANDA Section.</p> <p>(2) Msg Div. Subsequent positions graded SGT.</p> <p>6. USA Sp Activities Mgmt Unit, Operations Spt.</p> <p>7. Sole position in ODC Tunisia.</p>

**Table 10-71L-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
																8. Dept Army Review Boards Agcy. 9. USA Elm Natl Def University: a. Per/Admin Dir. b. Per/Admin Div. 10. USAR Full-Time Spt USAR Garr. 11. Hq FORSCOM Security. 12. Coord/Sch Br, USA Elm On-Site Inspection Agcy. 13. Defense Legal Svcs Agency. Second position graded SSG; third position graded SGT; fourth position graded SPC. 14. USA Elm Hq Central CMD, Intertheater COMSEC NCO. 15. Ofc of SGS, USA Pacific Activity. Second position graded SSG. Subsequent positions graded SGT. 16. USA Elm Jt Interoperability/Engr Organization, MBGA Org Res Div. Subsequent positions graded SSG. 17. USA Joint Systems Control Activity, Pers/Admin Sys Gp. Second position graded SFC; third position graded SSG; subsequent positions graded SGT. 18. USA Exercise Spt Agcy 19. USA Joint Planning Spt Agency (Plans Team D). Subsequent positions also graded MSG.
29	FIRST SERGEANT	71L5M	1SG													1. Principal NCO in Cmd Gp of Joint MEPS Acty. 2. Principal NCO in Hq Co.
<b>Protocol SGT</b>																
31	PROTOCOL SER-GEANT	71L3O	SSG													Protocol Ofc, Sec, or Cmd Gp. Second position graded SGT. Subsequent positions graded SPC.
32	SR PROTOCOL SER-GEANT	71L5O	MSG													Protocol Ofc, USA Sergeants Major Academy. Second position graded SSG.
<b>Courier</b>																
34	COURIER	71L1O	PFC			1	2	2	2	3	3	3				USA Def Svc Elm; Army Attached; or in MACOM; Int'l Hq; Unified and SpecifiedCmd.
35	COURIER	71L2O	SGT		1	1	1	1	2	2	2	3	3			
36	COURIER	71L3O	SSG			1	1	1	1	2	2	2	3			
37	COURIER	71L4O	SFC		1	1	1	1	1	1	1	1	1	1		
<b>Postal Operations (ASI F4/F5) (lines 39-48 Only)</b>																
39	POSTAL CLERK	71L1OF5	PFC		1	1	2	2	3	3	3	4	4			Acty and in Postal Svc Ctr of MACOM providing direct and general (DS/GS) in postal Svcs.
40	POSTAL SPECIALIST	71L1OF5	SPC		1	1	1	1	2	2	3	4	4			
41	POSTAL SERGEANT	71L2OF5	SGT			1	1	1	1	1	1	1	2			
42	POSTAL SERGEANT	71L4OF4	SFC			1	2	3								1. Postal ops Br in Postal Div of HQDA Joint Acty. 2. Svc Ctr Honshu, Japan
43	POSTAL SERGEANT	71L5OF4	MSG		1	1	1	1								
44	POSTAL SERGEANT	71L2OF5	SGT													Space and Strategic Space cmd (Kwajalein).
45	POSTAL SUPERVISOR	71L3OF4	SSG													Principal NCO is postal section providing DS/GS postal services for Postal Svc Ctr ofMACOM.
46	POSTAL INSPECTOR	71L4OF4	SFC													MACOM Hq.
47	POSTAL SUPERVISOR	71L4OF4	SFC													Principal NCO in Postal Fin Sec providing DS/GS postal services for Postal Svc Ctr ofMACOM and MPSA.
48	SR POSTAL INSPECTOR	71L5OF4	MSG													Principal NCO in Postal Ofc providing DS/GS postal services for Postal Svc Ctr ofMACOM; Army Secretariat, Sec of the Army.
<b>Executive Administrative Assistant (ASI E3)</b>																
50	EXECUTIVE ADMIN ASST	71L1OE3	SPC													1. Direct support of Cdr, CofS or XO position in the grade of COL. 2. USAR Full Time Spt 3. III Corps NCO Academy. 4. USA Elm Ofc of Econ Adjut. 5. EUCOM Hq Historian Ofc.

**Table 10-71L-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
51	EXECUTIVE ADMIN ASST	71L2OE3	SGT													1. Direct support of BG or SES equivalent. 2. Ofc of the Secretary of the Army. Second position also graded SGT. 3. SGS: a. Hq USARSO. Second position also graded SGT. b. USA Opn Test & Eval. 4. Cmd Sec and G3, HHC SETAF & 5th Spt Cmd. 5. ARSTAFF Clerical Spt Gp, Hqs MDW. Subsequent positions graded SGT. 6. Ofc CofS Army and VCSA. 7. NCCS/NSS and OASD, USA Elm OSD. 8. Army Ops Ctr, USA Cmd Control Spt. Second thru fourth positions graded SGT. 9. Ops Br, USA Elm CENTAG. 10. Exe Ofc, USA Elm AFCE. 11. DCSIM USAR Full Time Spt. 12. Center for Mil History. 13. Def Tech Sec Agcy, USA Elm DTSA. 14. USA Elm Wash Hq. 15. Dep IG, USA Elm Hq CENTCOM. 16. USA Info Mgmt Spt Agcy. 17. Log Cell, HHC 21st TAACOM. Subsequent positions graded SPC. 18. Pol Adv, USA Elm EUCOM. 19. Exec Ofc, U.S. Army Elm, Allied Forces Central Europe Hq.

**Attache Sergeant (ASI E4) (lines 52-54 only)**

53	ATTACHE ADMIN SGT	71L3OE4	SSG		1	2	2									Def Army Attache Ofc in U.S. Embassy; FOA and Army Secretariat, Joint and Spt Act.
54	ATTACHE ADMIN SGT	71L4OE4	SFC		1	1	1	2								
55	ATTACHE OPERATIONS SGT	71L5OE4	MSG													Def Army Attache Ofc in U.S. Embassies in Bulgaria, Ireland, Minsk, Bangladsh, and Malawi, Gahana, Haiti, Moldova, Uzbekistan, Yemen.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-71M-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Frequently inspects and inventories visually.
2	1, 2, 3, 4, 5, 6	2. Must possess finger dexterity in both hands.
3	1, 2, 3, 4, 5, 6	3. Occasionally lifts, lowers, carries, pushes/pulls 75 pounds.
4	1, 2, 4, 6	4. Frequently listens to people express themselves.
5	1, 2, 4, 6	5. Occasionally walks up to a mile. 6. Frequently stands and crouches.

**Table 10-71M-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	CHAPLAIN ASSISTANT	71M1O	PFC		1	1	2	3	4	4	4	5	5	5	1. Grades of additional positions will be in same pattern.
2	CHAPLAIN ASSISTANT	71M1O	SPC		1	1	1	1	1	1	1	2	2	2	2. Grading pattern will be applied to all positions not supported by any other grading in this table.
3	CHAPLAIN ASSISTANT NCO	71M2O	SGT			1	1	1	1	1	1	1	2		
4	CHAPLAIN ASSISTANT NCO	71M3O	SSG							1	1	1	1		
5	CHAPLAIN ASSISTANT	71M1O	PFC		1	2									1. Unit Ministry Tm Sec, Area Spt Gp.
6	CHAPLAIN ASSISTANT NCO	71M2O	SGT		1	1	1								2. Hospital Ministry Tm of a hospital unit. 3. HHC, Medical Cmd. 4. HHD, Medical Gp.
7	CHAPLAIN ASSISTANT NCO	71M2O	SGT												1. Unit Ministry Tm of: a. Infantry, Armored, Scout, MP (EPW/CI, Confinement) Bn. b. Old Guard Bn. c. Cavalry Squadron d. Air Recon Squadron. 2. Ministry Team, Air Recon Squadron. 3. Support Bde/Gp (Military Police, Signal, Air Defense, Transportation) at Corps and Theater Army. 4. ADA Bde. 5. EAC Avn Bde. 6. MMC, TA. 7. EAC Intel Ctr. 8. HHC Eng Bde (Corps) (TA) and Eng Gp. 9. Bde Hq Aug Tm. 10. Petroleum Gp. 11. HHC, Avn Gp/Regt.
8	CHAPLAIN ASSISTANT NCO	71M3O	SSG												1. Ministry/Unit Ministry Tm of a Bde (except as graded in lines 7 and 9). 2. Scout Gp. 3. Military Intelligence Gp. 4. Special Ops Avn Regt. 5. Ministry Team, Attack Regiment and Aviation Gp. 6. HHC, Support Gp. 7. Divarty. 8. HHC, ATS Gp. 9. HHC/MMC, Spt Cmd. 10. HHC, Abn SF or PSYOP Gp. 11. HHD, Ord Gp, Ammo. 12. DISCOM.
9	CHAPLAIN ASSISTANT NCO	71M4O	SFC												1. Unit Ministry Tm/Chaplain a. Hvy/Sep Bde. b. Corps Artillery. c. Armored Cavalry Regiment. d. Corps Aviation Bde. e. Theater Functional Cmd (Engineer, Military Police, Personnel, Transportation, Signal, Air Defense). f. Team A, Chaplain Det. 2. HHC, MP EPW Cmd. 3. 21st TAACOM (second position graded SGT). 4. 18th MEDCOM.
10	CHAPLAIN ASSISTANT NCO	71M5O	MSG												1. Unit Ministry Tm/Chaplain Sec, Inf, Airborne, Air Assault, and Armored Div (second position graded SGT). 2. HHC, Medical Cmd. (18th MEDCOM graded SFC). 3. Chaplain Sec, COSCOM.
11	SR CHAPLAIN ASST NCO	71M5O	SGM												1. Unit Ministry Tm/Chaplain Sec, Corps (second position graded SSG). 2. TAACOM (second position graded SSG) except 21st TAACOM (see line 9). 3. Army Service Component Cmd (second position graded SSG). 4. Theater Support Cmd (second position graded SSG).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-71M-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	CHAPLAIN ASSISTANT	71M1O	PFC		1	1	2	3	4	4	4	5	5	1. Grades of additional positions will be in same pattern.
2	CHAPLAIN ASSISTANT	71M1O	SPC		1	1	1	1	1	1	1	2	2	2. Standard will be applied to USAG, Tng Ctrs and MEDCENS and will be graded in the aggregate in a unit (UIC).
3	CHAPLAIN ASSISTANT NCO	71M2O	SGT			1	1	1	1	1	1	1	2	3. Battalions within a Trng Bde will be graded SPC. 4. Grading pattern will be applied to all positions not supported by any other grading in this table.
4	CHAPLAIN ASSISTANT NCO	71M3O	SSG							1	1	1	1	
5	CHAPLAIN ASSISTANT NCO	71M2O	SGT											1. Chap Actv Ofc, USAG, Ft Monmouth. 2. U.S. Army White Sands Missile Range. 3. U.S. Army FORSCOM Log Act (Eitam), Sinai. 4. MTMC Hq Eastern Area (Bayonne). 5. U.S. Army MEDDAC. 6. U.S. Army Sergeants Major Academy. 7. Hq, TAACOM, Detroit. 8. U.S. Army Soldier Systems Cmd, Natick. 9. Chemical Activity Pacific. 10. Defense Language Institute (second position also graded SGT).
6	CHAPLAIN ASSISTANT NCO	71M3O	SSG											1. USAG, Fts Detrick, Monroe and Carlisle Barracks, Aberdeen Proving Ground and Panama. 2. USAG, Alaska (second position also graded SSG). 3. Army Medical Centers (except as graded in line 7). 4. Safety Security Support Services Washington. 5. U.S. Army Recruiting Bde. 6. USA Training Bdes. 7. Element USA Forces, Central (Kuwait). 8. Redstone Arsenal Support Activity (second position graded SGT). 9. 17th ASG Aug. 10. Hq, CECOM. 11. USAE, Defense Logistics Agency. 12. Family Life Tng Ctr, Ft Benning. 13. U.S. Army Yuma Proving Gd. 14. USAR Garrison Support Unit (second position graded SGT). 15. USAR Training Div (Institutional Training) Bde.

**Table 10-71M-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
7	CHAPLAIN ASSISTANT NCO	71M4O	SFC													<ol style="list-style-type: none"> <li>1. Chaplain Ofc, U.S. Army Intelligence Center and School.</li> <li>2. Chap Act Ofc/Chaplain, USAG at Fts Stewart, Meade, McPherson, Lewis, Polk, Riley, and Carson.</li> <li>3. Chap Act/Ofc/Chaplain Ft Hood. (Second position graded SSG, Family Life Tng Ctr).</li> <li>4. Chap Act Ofc, USAG, Ft Campbell.</li> <li>5. AMMED Ctr and School (second position graded SSG).</li> <li>6. Post Chaplain, USAG Ft Bragg (second position graded SSG, third position graded SGT).</li> <li>7. Chaplain, USAG, Ft Drum (second position graded SSG).</li> <li>8. USAG, Ft Belvoir. Second position graded SSG.</li> <li>9. Army Medical Centers at Walter Reed (WRAMC) and Brooke (BAMC) (second position graded SSG).</li> <li>10. USA Recruiting Command, Ft Knox.</li> <li>11. Religious Retreat Ctr, Korea.</li> <li>12. U.S. Military Academy (second position graded SSG).</li> <li>13. Hq and Instl Spt Actv, Ft McNair (ANC) USAG Ft Myer (second position also graded SFC).</li> <li>14. Community Br, USAE SHAPE.</li> <li>15. USAG, Hawaii (second and third position graded SGT).</li> <li>16. HHC, USA Cbt Mnvr Tng Ctr, Hohenfels and JRTC (second position also graded SFC.)</li> <li>17. Instl Chap, USAG Ft Lee.</li> <li>18. Chap Act Ofc/USA Medical Center and School, Chaplain, USA Trng Centers at Fts Gordon, Rucker, Leavenworth, Leonard Wood (second position graded SSG, FLW).</li> <li>19. Res Trg Mgt Br/Mgt Enr Act, USA Trg Ctr, Ft Eustis.</li> <li>20. U.S. Army Spec Forces Cmd.</li> <li>21. U.S. Army South.</li> <li>22. Area Support Group, Aug: <ol style="list-style-type: none"> <li>a. 23d, Cp Humphrey.</li> <li>b. 34th, Hialeah Compound.</li> <li>c. 20th, Cp Henry.</li> <li>d. 26th, Heidelberg (second position graded SSG).</li> <li>e. 6th Support Gp HHC Aug.</li> </ol> </li> <li>23. Hq TECOM.</li> <li>24. National Training Center and Ft Irwin (second position graded SGT).</li> <li>25. V Corps, Augmentation.</li> <li>26. Combat Maneuver Training Center, Grafenwoehr (second position graded SFC).</li> <li>27. U.S. Army Southern European Task Force.</li> <li>28. USAREUR, 7th Army Aug Heidelberg.</li> <li>29. USAR Regional Support Groups (USAR only).</li> <li>30. USAR Garrisons (second position will be graded SGT) (USAR only).</li> <li>31. USAR Division Exercise Brigade.</li> <li>32. USAR ARPERGEN (AGR).</li> <li>33. ARNG Installations at Camps Shelby, Roberts, Blanding, Grayling, Edwards and Atterbury.</li> <li>34. ARNG State Headquarters (NG AGR only).</li> <li>35. Camp Robinson, ARNG Professional Education Ctr (NG only).</li> </ol>
8	CAREER ADVISOR	71M4O	SFC													USA Chaplaincy Services Support Agency, Pentagon.
9	CHAPLAIN ASSISTANT NCO	71M5O	MSG													<ol style="list-style-type: none"> <li>1. Army Material Command.</li> <li>2. Hq, USA Military District of Washington.</li> <li>3. USAE U.S. Forces Korea.</li> <li>4. USASOC (second position graded SGT).</li> <li>5. Chap Act Ofc/Ofc Stf Chap, U.S. Army Trng Center, Fts Benning, Sill, Bliss, Knox, and Jackson.</li> <li>6. U.S. Army MEDCOM.</li> <li>7. U.S. Army Activity Alaska.</li> <li>8. U.S. Army Reserve Command.</li> <li>9. USAR Division Institutional Training (DIVIT).</li> <li>10. ARNG State Area Command (STARC) and District/ Territorial Area Command (DARC/TARC), except as noted in line 10.</li> <li>11. USAR Regional Spt Cmd (63,70,89,94,96) (second position graded SFC, third position graded SSG; USAR AGR position graded SFC).</li> <li>12. U.S. Army Recruiting Cmd (Chaplain Recruiting, USAR, AGR only).</li> </ol>

**Table 10-71M-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
10	FIRST SERGEANT	71M5M	1SG													Principal NCO of a company.
11	SR CHAPLAIN ASST NCO	71M5O	SGM													1. Office of the Chief, Chaplains (second position graded MSG.) 2. U.S. Army Headquarters: a. 1st. b. 5th. 3. Hq USA FORSCOM and TRADOC. (Second position Hq FORSCOM will be graded MSG, USAR, AGR only). 4. U.S. Army Pacific Activity. 5. USAR Regional Spt Cmds (77, 81,88,90,99) (second position graded SFC; third position graded SSG; USAR AGR graded MSG). 6. NGB (NG and AGR) (second position graded SFC in AGR only). 7. STARC (NY, VA, KS, IN, MN, TX, CA, PA).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-73C-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts 10-20 pounds vertically 1-5 feet and carries 300 feet.
2	1, 2, 3, 4	2. Frequently sits for a period of 4 hours duration.
3	1, 2, 3, 4	3. Must possess finger dexterity in both hands.
4	1, 2, 3, 4	4. Frequently reviews detailed ledger sheets.

**Table 10-73C-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	DISBURSING CLERK	73C1O	PFC			1	1	2	2	3	3	3	4			1. Grades of additional positions will be in same pattern.
2	DISBURSING SP	73C1O	SPC	1	1	1	2	2	3	3	3	4	4			2. Central Fund/Disb Br, Fin Cmd. 3. Disb/Fund Div, Fin Gp.
3	DISBURSING SGT	73C2O	SGT	1	1	1	1	1	1	2	2	2				4. Disb Sec, Fin Bn. 5. Fin Opns Br, HHC, Army Service Comp Cmd.
4	TRAVEL CLERK	73C1O	PFC			1	1	1	2	2	2	2				Tvl Br, Fin Gp/Cmd.
5	TRAVEL SP	73C1O	SPC			1	1	2	3	3	3	4	4			
6	TRAVEL SGT	73C2O	SGT	1	1	1	1	1	1	1	2	2	3			
7	TRAVEL SUPV	73C3O	SSG							1	1	1	1			
8	MILITARY PAY SP	73C1O	SPC			1	1	2	2	3	3	4				1. Fin Sec, MP Bn.
9	MILITARY PAY SGT	73C2O	SGT			1	1	2	2	3	3	4	4			2. EPW/CI Br Cp Tm, MP Det.
10	MILITARY PAY CLERK	73C1O	PFC			1										Fin Spt Tm, Fin Det.
11	MILITARY PAY SGT	73C2O	SGT	1	1											

**Table 10-73C-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
12	MILITARY PAY CLERK	73C1O	PFC		1	1	1	2	2	2	2	3	3		1. Control/Mil Pay Ops Team, Fin Det. 2. Fin Sec, HHC MP Conf Bn.
13	MILITARY PAY SP	73C1O	SPC		1	1	1	2	2	3	4	4	4	5	3. Pers Effects Depot. 4. Admin/Pay Sec, Aviation Co EW MIB.
14	MILITARY PAY SGT	73C2O	SGT			1	1	1	1	1	2	2	2		5. Grading pattern will be used for all positions not specifically identified in any other line.
15	FGN NATL PAY SGT	73C2O	SGT		1	1									1. Foreign (Fgn) Natl Pay Br, Fin Gp/Cmd. 2. Theater Fin & Acct Div, Fin Cmd.
16	SR FGN NATL PAY SGT	73C3O	SSG		1										
17	CASHIER	73C1O	SPC												Fin Gp/Cmd/Bn/Det. Subsequent positions will be graded SPC.
18	FUNDING NCO	73C3O	SSG												1. Disb/Fund Div, Fin Gp. 2. Budget Sec, Special Ops Avn (SOA) Regt. Use with SQI S.
19	SECTION LEADER	73C3O	SSG												1. Fin Svc Sec, Fin Det. 2. Fin Sec, MP Bn.
20	PAY NCO	73C3O	SSG												1. Mil Pay Sec, Fin Bn. Second position also graded SSG. 2. Admin/Pay Sec, Aviation Co EW MIB.
21	PAY OPS NCO	73C3O	SSG												1. S2/S3 Sec, Fin Cmd/Gp. 2. Theater Fin Acct Div, Fin Cmd. 3. Hq and Hq & Spc Trps, 9th Theater Army Area Cmd.
22	OPERATIONS NCO	73C3O	SSG												Ops Sec, Fin Bn.
23	INTERNAL CONTROL NCO	73C3O	SSG												1. Int Con Sec, Fin Bn. 2. Int Con Div, Fin Cmd/Gp/Bn.
24	DISBURSING SR NCO	73C4O	SFC												1. Disb/Fund Div, Fin Gp. 2. Disb Br, Fin Cmd.
25	FUNDING SR NCO	73C4O	SFC												Cen Fund Br, Fin Cmd.
26	PAY OPS SR NCO	73C4O	SFC												S2/S3 Sec, Fin Gp/Cmd.
27	INT CONTROL SR NCO	73C4O	SFC												1. Int Con Div, Fin Gp (second position will be graded SFC)/Cmd. 2. DCS, Compt Sec, MEDCOM. 3. Int Con Sec, Fin Bn. 4. Fin Sec, MP Bn. 5. Fin/Acct Sec, MP Bde.
28	MILITARY PAY SR NCO	73C4O	SFC												1. Mil Pay Sec, Fin Bn. 2. Fin Svc Sec, Fin Det.
29	FINANCE SR NCO	73C4O	SFC												1. Theater Fin & Acct Div, Fin Cmd. 2. G-1/AG Sec, HHC, ADCOM (TA). 3. Program & Budget Div, HHC Theater Support Cmd. 4. Fin/Acctg Div of Hq, 3rd Army.
30	DETACHMENT SER-GEANT	73C4O	SFC												Principal NCO in Det Hq, Fin Det.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-73C-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	DISBURSING CLERK	73C1O	PFC			1	1	2	2	3	3	3	4	1. Grades of additional positions will be in same pattern. 2. Disb Div and/or Br of a DAO, DMPO or OPLOC. 3. Trans Pt, USAG Ft Lewis. 4. Fin Sec, Log Spt Unit, Sinai.
2	DISBURSING SP	73C1O	SPC	1	1	1	2	2	3	3	3	4	4	
3	DISBURSING SGT	73C2O	SGT	1	1	1	1	1	1	2	2	2	2	
4	TRAVEL CLERK	73C1O	PFC			1	2	2	2	2	2	2	3	1. Trl Br of a DAO, DMPO or OPLOC. 2. Finance Br, WHCA. 3. Fin Sp Tm Okinawa, USFAO Japan. 4. In/Out Proc Sec and Fin Spt Tm, 106th Finance Aug (Wurzberg). 5. Dir RM, USA Security Asst Spt Acty, Saudi Arabia.
5	TRAVEL SP	73C1O	SPC	1	1	1	2	3	3	3	4	4	4	
6	TRAVEL SGT	73C2O	SGT	1	1	1	1	1	1	2	2	2	2	
7	TRAVEL SUPV	73C3O	SSG							1	1	1	1	
8	MILITARY PAY CLERK	73C1O	PFC			1	1	2	2	2	3	3	4	1. Any section of a DMPO or OPLOC where grading is not otherwise provided. 2. Dir RM, USA Security Asst Spt Acty, Saudia Arabia. 3. Fin Sec, USAR Europe. 4. Finance Br, WHCA. 5. Fin Spt Tm, Okinawa, USFAO Japan. 6. Grading pattern will be used for all positions not specifically identified in any other line.
9	MILITARY PAY SP	73C1O	SPC	1	1	1	2	2	2	3	3	4	4	
10	MILITARY PAY SGT	73C2O	SGT	1	1	1	1	2	2	2	2	2	2	
11	INTERNAL CONTROL SP	73C1O	SPC		1	2	3							1. Grading pattern will be used for all internal control positions in Int Con Div not specifically identified. 2. Benelux Hq, 8th Fin Bn Aug.
12	INTERNAL CONTROL NCO	73C2O	SGT	1	1	1	1							
13	CASHIER	73C1O	SPC											1. Disb Div, DAO, DMPO or OPLOC. 2. 177th Fin Bn, 175th Finance Ctr, Aug.
14	MILITARY PAY SP	73C1O	SPC											Wuerzburg Det, 106th Fin Aug, Bamberg. Subsequent positions graded PFC, Military Pay Clerk.
15	PAY OPS NCO	73C2O	SGT											1. USA Exercise Spt Acty, Pentagon. 2. Element of DFAS: Operations Ctr (subsequent positions graded SGT). 3. Fin Spt Tm, 106th Finance Aug. Second position graded PFC, Military Pay Clerk. 4. S1 of ASAT, USAR AC/RC. 5. Fin Br, MTMC, FOA.
16	MILITARY PAY SGT	73C2O	SGT											Processing Sec, USA Fin and Acct Ofc, Japan.
17	DISBURSING NCO	73C3O	SSG											1. Disb Div and/or Br, DAO, DMPO or OPLOC without a civ supv. 2. Resources Mgmt, USA Frgn Science and Technology Ctr.
18	SECTION LEADER PAY NCO	73C3O	SSG											1. Mil Pay Br and/or Sec, Con Sec, Determination and Proc Sec, Reconciliation Sec, or Fin Sec of a DAO, DMPO or OPLOC. a. If civ supv is auth, position titled as Pay NCO. b. Subsequent positions at Fts Gordon, Knox, Lee and Shafter will be graded SSG. 2. Finance Br, WHCA. 3. 8th Fin Bn Aug: a. Mil Pay Br. b. Brussels Fin Ofc. c. Brunssum Fin Ofc. 4. AER Br, USAG Ft Carson. Second position will be graded SFC.

**Table 10-73C-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
19	PAY OPS NCO	73C30	SSG												<ol style="list-style-type: none"> <li>1. Fin Sys Gp, USA Joint Sys Cont Acty, Pentagon. Subsequent positions also graded SSG.</li> <li>2. The following DMPO locations: <ol style="list-style-type: none"> <li>a. Fts Dix, Irwin, Jackson, and Meade.</li> <li>b. Second position graded SSG at Ft Eustis.</li> <li>c. Second and third position graded SSG at Fts Gordon and Benning.</li> </ol> </li> <li>3. The following OPLOC locations (second position graded SSG) Seaside, Rome and Orlando.</li> <li>4. Elements of DFAS: <ol style="list-style-type: none"> <li>a. DDFO AC Processing Division (third through sixth position graded SSG).</li> <li>b. Operations Ctr.</li> <li>c. DDFO, HQDA (second and third position graded SSG).</li> <li>d. Mil Pay Proc &amp; Sys (second and third position graded SSG).</li> </ol> </li> <li>5. Fin Sys Gp, USA Joint Systems Con Acty, Pentagon. Subsequent positions also graded SSG.</li> <li>6. Fin Svc Gp, USA Joint Systems Cont Acty - Pentagon. Subsequent positions also graded SSG.</li> </ol>
20	ENLISTED ADVISOR	73C30	SSG												<ol style="list-style-type: none"> <li>1. ASAT/CSAT Fn, USAR Comp Spt Gp (AC/RC). Subsequent positions will be graded SSG.</li> <li>2. Admin Spt, USAR Spt Tm, AC/RC.</li> </ol>
21	OPERATIONS NCO	73C30	SSG												Operations, 39th Fin Bn, Aug.
22	INSTRUCTOR/WRITER	73C30	SSG												<p>USARC Coord Elm (use with SQI H) at:</p> <ol style="list-style-type: none"> <li>a. Fts Devens and Jackson.</li> <li>b. Decatur, GA; Montgomery, AL; Indianapolis, IN; Dallas, TX; and Camp Parks, CA.</li> </ol>
23	DISBURSING SR NCO	73C40	SFC												<ol style="list-style-type: none"> <li>1. Bud &amp; Dis Br, USA Elm Allied Forces Northern Europe.</li> <li>2. Cen Proc Ctr USAG Ft Hood.</li> <li>3. Fin Sec, Log Spt Unit Sinai.</li> <li>4. Disb, USAG Panama.</li> <li>5. Element of DFAS, DDFO Disbursing Div.</li> </ol>
24	PAY OPS SR NCO	73C40	SFC												<ol style="list-style-type: none"> <li>1. Fin Svc Sec, USAREUR. Second position graded SSG, Pay Ops NCO.</li> <li>2. Fin Div, Hq TRADOC.</li> <li>3. Elements of DFAS: <ol style="list-style-type: none"> <li>a. DDFO AC Processing Div (second position graded SFC).</li> <li>b. DDFO RC Processing Div.</li> <li>c. Field Ops Office (second and third position graded SFC).</li> <li>d. Dir F&amp;A Plans Mgt.</li> </ol> </li> <li>4. Pay Div/Br/Sec, USA Reg Spt Cmd, FTS. Second position graded SSG, Pay Ops NCO.</li> <li>5. Fin Sp Tm Okinawa, USAFAO Japan.</li> <li>6. CFO &amp; Fin Ops Br, FORSCOM.</li> </ol>
25	MILITARY PAY SR NCO	73C40	SFC												<ol style="list-style-type: none"> <li>1. Resource Mgt Div, WHCA.</li> <li>2. Fin and Acctg Div, DNA.</li> <li>3. Mil Pay Div and/or Br or Pay and Exam Div, DAO or DMPO without a MSG or SGM as principal NCO.</li> <li>4. Element of DFAS, Kansas City Ctr.</li> </ol>
26	FINANCE SR NCO	73C40	SFC												<ol style="list-style-type: none"> <li>1. Any section of a DAO, DMPO or OPLOC auth MSG or SGM as principal NCO.</li> <li>2. Principal NCO in DAO, DMPO or OPLOC not auth MSG or SGM (except Ft Dix, see line 18).</li> <li>3. Elements of DFAS: <ol style="list-style-type: none"> <li>a. Operations Ctr.</li> <li>b. DDAO F&amp;A Policy &amp; Imp (second position graded SSG, Pay Ops NCO).</li> </ol> </li> <li>4. Compt Sec, USA Equip Eval Acty Pentagon.</li> <li>5. Admin and Log Div, USA Exer Acty.</li> <li>6. Fin Sec, USA Intel Ctr and School.</li> <li>7. Dir RM, USA Security Asst Spt Acty, Saudia Arabia.</li> <li>8. DCSR, USAR FTS.</li> <li>9. CSAT Admin Sec, USAR Comp Spt Gp, AC/RC.</li> <li>10. Fin Svc Gp, USA Joint Systems Cont Acty- Pentagon.</li> <li>11. Fin Sec, U.S. Army Intelligence Center and School.</li> <li>12. Fin Sec, USA Forces Central Cmd, Kuwait.</li> </ol>
27	PAY INSP SR NCO	73C40	SFC												Op Rev and Perf Assess Div (second position graded SFC).

**Table 10-73C-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
28	CH INSTRUCTOR/ WRITER	73C4O	SFC													USARC Coord Elm at Ft Jackson. Use with SQI H.
29	SR ENL ADVISOR	73C4O	SFC													AC/RC coord principal enl advisor of ASAT at Fts Meade and Gillem.
30	SMALL GROUP LDR	73C4O	SFC													SMC Non-Res Course, USASMA.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-73D-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts 20 pounds vertically 1-5 feet and carries 300 feet.
2	1, 2, 3, 4	2. Frequently sits for a period of 4 hours duration.
3	2, 3, 4	3. Must possess finger dexterity in both hands.
4	2, 3, 4	4. Frequently reviews detailed ledger sheets.

**Table 10-73D-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	ACCOUNTING CLERK	73D1O	PFC			1	1	2	2	3	3	3	4			1. Disb/Fund Div, Fin Gp.
2	ACCOUNTING SP	73D1O	SPC	1	1	1	2	2	3	3	3	4	4			2. Cen Fund Br/Disb Br, Fin Cmd. 3. Stk Fund Procure Br, MMC, TA.
3	ACCOUNTING SGT	73D2O	SGT	1	1	1	1	1	1	2	2	2	2			4. Compt Sec, MEDCOM/Theater Signal Command. 5. Disb Sec, Fin Bn. 6. Resource/Budget Sec, 11th HHC Theater Signal Bde. 7. Supply(S-4), 1st Bn, 3d Infantry. 8. Grading pattern will be used for all positions not specifically identified in any other line.
4	COMM VEND SVC CLERK	73D1O	PFC			1	1									Mil Pay Sec, Fin Bn.
5	COMM VEND SVC SP	73D1O	SPC			1	1	2								
6	COMM VEND SVC NCO	73D3O	SSG	1	1	1	1									
7	COMM VEND SVC SP	73D1O	SPC			1	1	2								Comm Accts Br, Fin Gp.
8	COMM VEND SVC SGT	73D2O	SGT	1	1	2	2									
9	COMM VEND SVC CLERK	73D1O	PFC			1	1	1	1	1	1	1	1			Comm (Central) Accts Br, Fin Cmd.
10	COMM VEND SVC SP	73D1O	SPC			1	1	1	1	2	2	2	2			
11	COMM VEND SVC SGT	73D2O	SGT	1	1	1	1	2	2	3	4	4				
12	COMM VEND SVC NCO	73D3O	SSG			1	1	1	1	1	2					

**Table 10-73D-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
13	BUDGET CLERK	73D1O	PFC				1									1. Program & Budget Div, Theater Support Cmd. 2. Positions in Special Ops Avn (SOA)/Psyop Gp graded per lines 17 and 18. 3. RMO Sec, HHC MI Bde (STRAT SIGINT).
14	BUDGET SP	73D1O	SPC	1	1	1	1									
15	BUDGET SGT	73D2O	SGT	1	1	1										
16	BUDGET NCO	73D3O	SSG			1	1									
17	BUDGET SP	73D1O	SPC	1	2	3	4	5								1. Budget Sec, Special Ops Avn (SOA)/Psyop Gp. Use with SQI S. 2. S4, 96th CA Bn, Gp CA Abn.
18	BUDGET SGT	73D2O	SGT	1	1	1	1	1	1							
19	INTERNAL CONTROL SP	73D1O	SPC	1												1. Compt Sec, MEDCOM. 2. ACoFS Fac Engr Sec/Compt Sec/Internal Review Sec, Engr Cmd. 3. Fin/Acct Sec, MP EPW Cmd. 4. Internal Review Div, HHC Theater Support Cmd.
20	INTERNAL CONTROL SGT	73D2O	SGT	1	1											
21	COMM VEND SVC CLERK	73D1O	PFC													Fin Spt Tm, Fin Det.
22	ACCOUNTING SP BUDGET SP	73D1O	SPC													Each organizational element with one MOS 73D, unless otherwise graded above.
23	INTERNAL CONTROL NCO	73D3O	SSG													1. Internal Control Div, Fin Gp/Cmd. 2. Fin/Acct Sec, MP EPW Cmd.
24	DISBURSING NCO	73D3O	SSG													Theater Fin & Acctg Div, Fin Cmd.
25	BUDGET NCO	73D3O	SSG													Budget Sec, Abn/Psyop Gp (SF).
27	ACCOUNTING SR NCO	73D4O	SFC													1. ACOFS, Compt Sec, Engr Cmd. 2. Fin Opns Br, HHC Army Service Comp Cmd.
28	ACCOUNTING OPS SR NCO	73D4O	SFC													1. Stk Fund Procure Br, MMC, TA. 2. Comm Accts Br, Fin Gp.
29	DISBURSING SR NCO	73D4O	SFC													Disb Sec, Fin Bn.
30	BUDGET SR NCO	73D4O	SFC													1. Budget Sec, Special Ops Avn (SOA) Regt. Use with SQI S. 2. Budget Br, Army Service Comp Cmd. Second position will be graded SFC. 3. RMO Sec, HHC MI Bde (STRAT SIGINT).
31	COMM VEND SVC SR NCO	73D4O	SFC													1. Central Comm Accts Br, Fin Cmd. 2. Fin & Acctg Div, Fin Cmd.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-73D-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	ACCOUNTING CLERK	73D1O	PFC				1									1. Any section of a DAO, DMPO or OPLOC where grading is not otherwise provided.
2	ACCOUNTING SP	73D1O	SPC	1	1	1										2. Grading pattern will be used for all positions not specifically identified in any other line.
3	ACCOUNTING SGT	73D2O	SGT	1	1											

**Table 10-73D-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
4	ACCOUNTING CLERK	73D10	PFC		1	1	1	2	2	3	3	3	4	1. Acctg Sec/Br/Div of a DAO, DMPO or OPLOC. 2. RMO of:
5	ACCOUNTING SP	73D10	SPC		1	1	1	2	2	3	3	3	4	a. INCSOM Foreign Natl Gp. b. USA Field Spt Ctr.
6	ACCOUNTING SGT	73D20	SGT			1	1	1	1	1	2	2	2	c. Saudia Arabia. d. 513th MI Bde, HHC Aug. 3. Acctg Br, WHCA. 4. OBST, USA Elm, Def Spt Acty. 5. Hq Svcs Washington. 6. Sec Def Mess, USA Elm Wash Hq Svc.
7	COMM ACCOUNTS CLK	73D10	PFC			1	1	1	1	1	1	1	1	1. Acctg Pay Sec, 7th MEDCOM. 2. Accts Pay Br, 8th Fin Bn Aug.
8	COMM ACCOUNTS SP	73D10	SPC			1	1	1	1	2	2	2	2	
9	COMM ACCOUNTS SGT	73D20	SGT			1	1	1	1	2	2	3	4	4
10	TEAM LEADER	73D30	SSG				1	1	1	1	1	2		
11	BUDGET CLERK	73D10	PFC					1						1. Budget Sec, Fin Cntl Br and DCSR of USA Elm SHAPE. 2. Grading pattern will be used for all budget positions not specifically identified in any other line.
12	BUDGET SP	73D10	SPC			1	1	1	1					
13	BUDGET SGT	73D20	SGT			1	1	1						
14	TEAM LEADER	73D30	SSG				1	1						
15	INTERNAL CONTROL SP	73D10	SPC			1								1. Internal Review/Control Sec, Br and Div of any non-Fin organization. 2. RMO, 716th MI Bn. 3. Admin Sec, U.S. Army SSI. 4. Cmd Sec, 524th MI Bn Aug.
16	INTERNAL CONTROL SGT	73D20	SGT			1	1							
17	ACCOUNTING SP BUDGET SP	73D10	SPC											Each organizational element with one MOS 73D unless otherwise graded above.
18	COMM ACCTS SGT	73D20	SGT											Fin Sec, USA Res Spt Cmd, FTS.
19	TEAM LEADER	73D30	SSG											1. Acctg Activity or Br without a civilian supv (not graded by lines 7 thru 14). 2. Commercial Accts Br of a DAO, DMPO or OPLOC. 3. USA Elm, Def Spt Acty. 4. Element of DFAS: DDAO Dir Network Ops.
20	ACCOUNTING NCO	73D30	SSG											1. DRM-Mil Liaison Ofc, USA Trans Ctr & Ft Eustis. 2. Following DMPO locations: a. Fts Dix, Gordon, Irwin, Jackson, Knox, Lee and Leonard Wood. b. Walter Reed. 3. Following OPLOC locations: a. Second position graded SSG: Orlando, Lawton and Rome. b. Second and third position graded SSG: Seaside. 4. Acctg Div of 7th MEDCOM. 5. Elements of DFAS: a. DDFO RC Processing Div. b. Op Rev & Perf Assess Div.
21	ENLISTED ADVISOR	73D30	SSG											ASAT/CSAT Fn, USAR Comp Spt Gp (AC/RC).
22	ACCOUNTING SR NCO	73D40	SFC											1. Elements of DFAS: a. DDFO Pay Acctg Ofc. b. Op Rev & Perf Assess Div. c. Kansas City Ctr (second position graded SFC). 2. Any section of a DMPO or OPLOC auth MSG or SGM as principal NCO (Orlando second position graded SFC). 3. Principal NCO in a DMPO or OPLOC not auth MSG or SGM. 4. Budget Div, USA Reg Spt Cmd, FTS. 5. Cmd Budget Br, U.S. Mep Sta Hq. 6. Compt Execution Cell, USA SOCOM. 7. RM, USA Forces Cental Cmd, Kuwait. 8. Dir RM, Saudia Arabia. 9. Cp Henry, 19th Aug Spt Cmd.

**Table 10-73D-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
23	DISBURSING SR NCO	73D4O	SFC												1. Element of DFAS: DDFO Disbursing Div (second position graded SSG, DISBURSING NCO). 2. Disbursing Div, 8th Fin Bn Aug.
24	BUDGET SR NCO	73D4O	SFC												1. Fund Mgt and Fin Cntl Br of USA Elm SHAPE. 2. RM Br, USA Elm Jt Analysis Ctr, Molesworth. 3. Log Res & Admin, USA Sp Op Agency. 4. RM (JA) Sec, 501st MI Bde Aug.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-73Z-1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2, 3, 4	1. Occasionally lifts 25 pounds and carries 100 feet. 2. Frequently sits for a period of 4 hours duration. 3. Must possess finger dexterity in both hands. 4. Frequently reviews detailed ledger sheets.

**Table 10-73Z-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	FINANCE OPS NCO	73Z5O	MSG	Principal NCO in: a. Ops Sec, Fin Bn. b. Theater Fin & Acct Div, Fin Cmd. c. Fin Opns Br, HHC, Army Service Comp Cmd. d. Program & Budget Div, HHC, Theater Support Cmd.
2	RESOURCE MGMT OPS NCO	73Z5O	MSG	1. Budget Sec, Special Ops Avn (SOA) Regt. Use with SQI S. 2. Compt Sec, Engr Cmd/MEDCOM/Theater Signal Cmd. 3. Compt Div, Army Service Comp Cmd.
3	FINANCE INSP NCO	73Z5O	MSG	Principal NCO in Int Con Div, Fin Gp.
4	FIRST SERGEANT	73Z5M	1SG	Co Hq/Hq Sec, Fin Gp/Cmd/Bn.
5	SR FINANCE INSP NCO	73Z5O	SGM	Principal NCO in Int Con Div, Fin Cmd.
6	SR FINANCE OPS NCO	73Z5O	SGM	Principal NCO in: a. S2/S3 Sec, Fin Gp/Cmd. b. Compt Sec, HHC Theater Support Cmd.
7	SR RES MGMT OPS NCO	73Z5O	SGM	Principal NCO in Ofc of DCSR, HHC Army Service Comp Cmd.

Notes:

1. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-73Z-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Explanatory notes
1	FINANCE OPS NCO	73Z5O	MSG	<ol style="list-style-type: none"> <li>1. Fin Ops Svc Acty-Pentagon.</li> <li>2. Following elements of DFAS: <ol style="list-style-type: none"> <li>a. Cleveland.</li> <li>b. DDFO Mil Pay Hq.</li> <li>c. Operations Ctr.</li> <li>d. Field Ops Office.</li> <li>e. DDAO F&amp;A Policy &amp; Imp (second position graded MSG).</li> </ol> </li> <li>3. Principal NCO of OPLOC: Seaside, CA.</li> <li>4. FTS, Res Spt Cmd: <ol style="list-style-type: none"> <li>a. 469th Fin Gp.</li> <li>b. 395th Fin Bn.</li> </ol> </li> <li>5. FAO &amp; Fld Ops of USA Fin Cmd.</li> <li>6. Benelux Hq, 8th Fin Bn Aug.</li> </ol>
2	FIRST SERGEANT	73Z5M	1SG	<ol style="list-style-type: none"> <li>1. Hq Sec, DFAS.</li> <li>2. Fin Tng Co, Ft Jackson.</li> </ol>
3	FINANCE INSPECTION NCO	73Z5O	MSG	Op Rev & Perf Assess Div in DESC Defense Finance & Accounting Svc.
4	SR RES MGMT OPS NCO	73Z5O	SGM	DCSRM of MACOM.
5	SR FINANCE OPS NCO	73Z5O	SGM	<ol style="list-style-type: none"> <li>1. Elements of DFAS: <ol style="list-style-type: none"> <li>a. Finance.</li> <li>b. DDFO HQA.</li> <li>c. DDFO Mil Pay Hq.</li> <li>d. DDFO Debt &amp; Clms Mgt.</li> <li>e. Dir Cust F&amp;A Plans Mgt.</li> <li>f. DDAO Dir Network Ops.</li> <li>g. DDAO Dir for Consolidated.</li> <li>h. Dir Cust Svc Perf Hq.</li> </ol> </li> <li>2. Principal NCO at OPLOC <ol style="list-style-type: none"> <li>a. Orlando (second position graded MSG, FINANCE OPS NCO).</li> <li>b. Lawton.</li> <li>c. Rome (second position graded MSG, FINANCE OPS NCO).</li> </ol> </li> <li>3. Fund Mgt, USA Elm SHAPE.</li> <li>4. CFO &amp; Fin Ops Br, FORSCOM.</li> </ol>

Notes:

1. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-74B-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	<ol style="list-style-type: none"> <li>1. Frequently lifts 60 pounds.</li> <li>2. Occasionally lifts a maximum of 80 pounds.</li> <li>3. Must possess finger dexterity in both hands.</li> <li>4. Frequently reads complex schematic diagrams.</li> <li>5. Frequently writes to keep records, compile data, and perform operational duties.</li> </ol>
2	1, 2, 3, 4, 5	
3	3, 4, 5	
4	3, 4, 5	

**Table 10-74B-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	INFO SYS OPR-MNT	74B1O	PFC			1	1	1	2	2	3	3	3	3	Pattern will be applied cumulatively to all positions in a paragraph.
2	INFO SYS OPR-MNT	74B1O	SPC	1	1	1	1	2	2	2	2	3	3		
3	SR INFO SYS OPR-MNT	74B2O	SGT		1	1	1	1	1	2	2	2	3		
4	INFO SYS TEAM CHIEF	74B3O	SSG				1	1	1	1	1	1	1		
5	INFO SYS OPR-MNT	74B1O	PFC			1	1	1	1	2				CTASC-II operation only. (All teams consist of a seven soldier team.)	
6	INFO SYS OPR-MNT	74B1O	SPC	1	1	1	1	2	2	2					
7	SR INFO SYS OPR-MNT	74B2O	SGT		1	1	1	1	2	2					
8	INFO SYS TEAM CHIEF	74B3O	SSG				1	1	1	1					
9	INFO SYS OPR-MNT	74B1O	SPC			1	2							Use with the Mobile Gate Van.	
10	SR INFO SYS OPR-MNT	74B2O	SGT		1	1	1								
11	INFO SYS TEAM CHIEF	74B3O	SSG	1	1	1	1								
12	ADP SECURITY SPC	74B1O	PFC			1								ADP security team or individual ADP security soldiers.	
13	ADP SECURITY SPC	74B1O	SPC		1	1									
14	ADP SCTY TEAM CHIEF	74B3O	SSG	1	1	1									
15	JOPS ANALYST	74B1O	PFC			1								Use with SQI N only.	
16	JOPS ANALYST	74B1O	SPC		1	1									
17	JOPS TEAM CHIEF	74B3O	SSG	1	1	1									
18	SOFTWARE ANALYST	74B1O	PFC		1	1	1	1	2	3	3	3	3	1. Grades of additional positions will be in same pattern. 2. If grading is not provided elsewhere, grade all other sections by lines 18-21.	
19	SOFTWARE ANALYST	74B1O	SPC	1	1	1	1	2	2	2	3	3	3		
20	SR SOFTWARE ANALYST	74B2O	SGT		1	1	1	1	1	1	2	2			
21	ANALYSIS TEAM CHIEF	74B3O	SSG			1	1	1	1	1	1	2			
22	SR SOFTWARE ANALYST	74B2O	SGT		1	1	2							Global Command and Control System programming and analysis positions.	
23	ANALYSIS TEAM CHIEF	74B3O	SSG	1	1	2	2								
24	LAN MGR	74B1O	PFC	1	1	1								Installation, operation, integration and troubleshooting of a tactical LAN in an Armor Bde, Infantry Bde, Aviation Bde, DIVARTY, MI Bn, Engineer Group, or DISCOM Sys Spt Office of a Digitized Division.	
25	DATA SYS INTEGRATOR	74B3O	SSG		1	1									
26	SR DATA SYS INTEGRATOR	74B4O	SFC			1									
27	LAN MGR	74B1O	PFC	1	1	1								Installation, operation, integration and troubleshooting of a tactical LAN in an Armor Bn or Infantry Bn of a Digitized Division.	
28	SR LAN MGR	74B2O	SGT		1	1									
29	DATA SYS INTEGRATOR	74B3O	SSG			1									
30	LAN MGR	74B1O	SPC	1	1	2								Installation, operation, integration and troubleshooting of a tactical LAN in a FA Bn, MLRS Bn, Aviation Bn, Cav Sqdn, FSBn or DS Bn of a DISCOM, Eng Bn, or ADA Bn of a Digitized Division.	
31	SR LAN MGR	74B2O	SGT		1	1									
32	SECTION CHIEF	74B4O	SFC											1. Supervise 10 or more software analysts. 2. NCOIC of a DOIM when not authorized a MSG. 3. Principal information systems NCO in a WWMCCS operations branch.	
33	INFO SYS SUPERVISOR	74B4O	SFC												

**Table 10-74B-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
34	INFO SYS STAFF NCO	74B4O	SFC													Performs staff functions associated with information systems management at: a. ASC field elements. b. Op/Intel section of a Signal battalion. c. Division Signal office of a Division Signal Battalion.
35	SOFTWARE ANALYSIS NCO	74B4O	SFC													Perform staff functions associated with software analysis at: a. ASC units at a Brigade or higher level headquarters. b. Information Management Division, Hq Army or equivalent/ higher headquarters. c. Auto Sys Spt or Mgt Ofc, Div or Corps Spt Cmd. d. ADP Section of a SOA Regt. e. Info Sys Br/Documents Br, HQ 3rd Army. f. DCSINT or LAD Office, Hq 7th Army. g. C2 Br or Mission Spt Ofc, Hq 7th Army. h. G3, Hq 8th Army. i. Group Signal Sec, HHC, Special Forces Group. j. Force Manpower and Readiness Br, HHC, Army Hq.
36	DETACHMENT SER-GEANT	74B4O	SFC													Principal NCO in Signal Detachment.
37	PLATOON SERGEANT	74B4O	SFC													Principal NCO in Signal Platoon.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-74B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	INFO SYS OPR-ANA	74B1O	PFC	1	1	1	1	2	2	3	3	3	3	3	3	1. Data system operations and analysis.
2	INFO SYS OPR-ANA	74B1O	SPC			1	1	1	2	2	2	3	3	3	3	2. Grades of additional positions will be in same pattern.
3	SR INFO SYS OPR-ANA	74B2O	SGT				1	1	1	1	2	2	3	3	3	3. If grading is not provided elsewhere, grade all other sections by lines 1-4.
4	INFO SYS OPR-MNT TM CH	74B3O	SSG	1	1	1	1	1	1	1	1	1	1	1	1	
5	INFO SYS OPR-ANA	74B1O	PFC		1	1	1	2	2	2	3	3	3	3	3	Data system operation and analysis in the following type sections:
6	INFO SYS OPR-ANA	74B1O	SPC	1	1	1	2	2	2	2	2	3	3	3	3	Training Br/Dir; System Design Br/Div; Personnel Automation Br/Div; Help Desk; TCC Br; S1, S4 or SSO Office; S2; DPTM; Receiving Br; Systems Mgmt Br/Div; Program Mgmt Support Br/Div; Customer Spt Br/Div; Plans or Exercise Br/Div; Elec Mnt; Cbt Dev Opns LAN; Platoons.
7	SR INFO SYS OPR-ANA	74B2O	SGT			1	1	1	1	2	2	2	3	3	3	
8	INFO SYS OPR-ANA TM CH	74B3O	SSG						1	1	1	1	1	1	1	
9	ADP SECURITY SPC	74B1O	PFC					1								ADP security team or individual ADP security personnel.
10	ADP SECURITY SPC	74B1O	SPC			1	2	2								
11	SR ADP SECURITY SPC	74B2O	SGT	1	1	1	1	1								
12	AGCCS OPR	74B1O	SPC		1	1	2									1. World Wide Military Cmd and Control System programming and analysis positions.
13	SR AGCCS OP	74B2O	SGT	1	1	2	2									2. ADP Security Sec, USA SOSCOM.

**Table 10-74B-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
14	INFO SYS OPR-MNT	74B1O	PFC			1	1	1	1	2						CTASC-II operation only.
15	INFO SYS OPR-MNT	74B1O	SPC	1	1	1	1	2	2	2						
16	SR INFO SYS OPR-MNT	74B2O	SGT		1	1	1	1	2	2						
17	INFO SYS OPR-MNT TM CH	74B3O	SSG				1	1	1	1						
18	JOPS ANALYST	74B1O	PFC				1									Use with SQI N only.
19	JOPS ANALYST	74B1O	SPC		1	2	2									
20	SR JOPS ANALYST	74B2O	SGT	1	1	1	1									
21	SYSTEM ADMINISTRATOR	74B2O	SGT													Management of battlefield automated systems within a Local Area Network (LAN)/Wide Area Network (WAN). (Second position graded SPC).
22	SR INFO SYS OPR-MNT	74B2O	SGT													Single positions not identified elsewhere.
23	SR INFO SYS OPR	74B2O	SGT													One per team USA Elm DIA.
24	SOFTWARE ANALYSIS NCO	74B2O	SGT													1. Sys Software Sec, WHCA. Fifth through seventh positions graded SGT. 2. U.S. Army Elm SHAPE. 3. 1st AR HHC 01 Aug, Ft Riley. 4. 1st AR HHC 03 Aug, Ft Riley. 5. V Corps HHC Aug. 6. 7th Hq HHC USAREU 7th Army Aug. 7. 513th MI Bde HHC Aug. 8. 21st Theater Army Area Command HHC Aug. 9. 175th Finance Center, Aug.
25	SOFTWARE ANALYSIS NCO	74B3O	SSG													1. Sys Software Sec, WHCA. Second through fourth positions graded SSG. 2. Mob Readiness Div, U.S. Army Elm NGB. 3. Cmpt Spt Br, U.S. Army Sig Ctr & Sch. Fifth through eighth position graded SSG. Subsequent positions graded by lines 1-4. 4. C3 Dir/J6, SOCPAC.
26	INFO SYS OPR-ANA TM	74B3O	SSG													1. One per shift, USA Elm DIA. 2. WHCA a. Data Ctr Sec. b. Cust Spt Sec. Subsequent positions graded SGT (Sr Info Sys Opr). 3. Info Mgmt Resource Sec, DCSOPS, PERSCOM. Subsequent positions graded SGT (Sr Info Sys Opr).
27	OPERATIONS NCO	74B3O	SSG													Plans & Op Sec, WHCA. (Second position also graded SSG.)
28	CONSOLE OPERATOR	74B3O	SSG													1. Organizations authorized more than one position, subsequent positions will also be graded SSG. 2. National Mobile Command Posts and NATO Situation Center, SHAPE.
29	INFO SYS TECH ADVISOR	74B3O	SSG													Full time support to ARNG and USAR organizations. Subsequent positions will be graded SGT.
30	SECTION CHIEF	74B4O	SFC													1. Supervise 10 or more software analysts. 2. DOIM when not authorized a MSG. 3. Principal information system NCO in a WWMCCS operations/management section. 4. ANMCC Comp Ops, U.S. Army Elm Staff Spt Ctr.
31	INFO SYS SUPERVISOR	74B4O	SFC													1. Supervision of 10 or more personnel engaged in computer system operations. 2. Principal information systems NCO on a National Military Command Center operating shift.

**Table 10-74B-3**  
**Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
32	INFO SYS STAFF NCO	74B40	SFC												<p>Perform staff functions associated with information systems management at:</p> <ul style="list-style-type: none"> <li>a. MACOMs, ASC field elements, WHCA, and proponent centers or schools.</li> <li>b. ACSIM or DCSIM divisions of USAR or ARNG units.</li> <li>c. Special Studies &amp; Activities, USAMAT Systems Analysis Activity.</li> <li>d. Branch &amp; Division, USA Operational Test &amp; Evaluation Agency.</li> <li>e. Plans Division, USA Equipment Evaluation Activity.</li> <li>f. J37, Hq PACOM.</li> <li>g. DCSIM, Hq Fifth Army.</li> <li>h. Program Mgr, ISMA</li> <li>i. Insp Div, USA ADA.</li> <li>j. Tech Assess, Intel Center</li> <li>k. CINC Spt or DCSIM, USA Elm ACE.</li> <li>l. PO CTASC or PO STACOMP, AAESA.</li> <li>m. Rqmnts Br, USA War College</li> <li>n. Technical Spt, USA Info Mgmt Spt Center.</li> <li>o. Dir G2, FORSCOM.</li> <li>p. Commel Br, 7th Army CATC. Two positions graded SFC.</li> <li>q. Instrumentation Br, National Tng Center.</li> <li>r. Tech Insert Div/Corps Sys Div, USA Elm DIA.</li> <li>s. Plans Div, USA Cmd &amp; Cntrl Spt Agcy.</li> <li>t. Comp Sys Tech Div-APG, USA Rsch Lab.</li> <li>u. Ops Sec, U.S. Elm Allied Forces Southern Europe/AF-SOUTH. Second position graded SGT (Software Analysis NCO).</li> <li>v. Sys Mgmt Ct, USA Elm Def Info Svcs Org.</li> <li>w. Opns Br, FORSCOM Fld Spt Activity. Three position graded SFC.</li> <li>x. 7th Hq HHC USAREUR 7th Army Aug. Second position graded SFC.</li> <li>y. 527th MI Bn Aug.</li> <li>z. 21st Theater Army Area Cmd HHC Aug.</li> </ul>
33	SOFTWARE ANALYSIS NCO	74B40	SFC												<p>Perform staff functions associated with software analysis at:</p> <ul style="list-style-type: none"> <li>a. MACOMs or ASC field teams.</li> <li>b. Systems Support Office or Field System Support Division of INSCOM.</li> <li>c. Information Management Division, Hq Army or equivalent higher headquarters.</li> <li>d. USMA.</li> <li>e. WHCA: <ul style="list-style-type: none"> <li>(1) OPNS Tng Br.</li> <li>(2) Cust Spt Sec.</li> <li>(3) Appl Div Sec (Second position graded SSG, third position graded SGT).</li> </ul> </li> <li>f. Budget Data Management Division, Ofc of the Chief.</li> </ul>

**Table 10-74B-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes			
			1	2	3	4	5	6	7	8	9	10				
																g. USA Op Test & Eval Agency: (1) Network Config & Comm Test Div. (2) Tech Spt Div. h. Network Svcs Sec, U.S. Army Elm Def Info Sys Agcy-EUR. i. USA Elm Joint Intel Ctr: (1) Integration Br. (2) Sys Dev Br. j. Sys Integration or Mgmt Br, PERSCOM. k. JADS Br, USA Elm Joint Test Ctr. l. WWMCCS or GCCS Br, USAE SOUTHCOM. m. Sys Svc Br, U.S. Army Elm Staff Spt Ctr. n. ANSOC, USA Comm Communication Office, (first three positions). o. USA Elm DIA: (1) Lan Sys Admin. (2) Cntrl Clea Fac D. p. Support Teams, USACECOM ISSDC (one position per four teams). q. Branch and/or Division ISEC. r. FORSCOM or CENTCOM Hq. s. Opns Sec, USA Elm Spec Operations Cmd Joint Intel Ctr. t. Auto Sys Int Br, U.S. Army Signal Ctr & Ft Gordon. u. Integ DB Spt Br, U.S. Army Elm Intel Ctr Pacific. v. CINCEUR Support, U.S. Army Elm SHAPE. w. Network & Opns Br, USA Info Sys Software Dev Ctr. x. Opns Div, USA Elm Def Eval Spt Activity. y. GCCS Spt Sec, USA Pac Cmd Info Sys Spt Gp. z. Programming Br, FORSCOM Fld Spt Activity. aa. Sect Plans (GCCS), USA Pac Activity. bb. Automation Sec, I Corps HHC Aug. cc. 30th Med Bde Aug. dd. 296th CS Bn Aug. ee. DCSINT, Hq 7th Army.
34 DETACHMENT SER-GEANT	74B40	SFC														Principal NCO in a Signal detachment.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-74C-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts 150 pounds a distance of 3 feet as part of a two soldier team (prorated at 75 pounds per soldier). 2. Occasionally lifts 100 pounds and carries 4 feet as part of a 2 soldier team (prorated at 50 pounds per soldier). 3. Frequently stands for prolonged periods of time. 4. Must possess finger dexterity in both hands.
2	1, 2, 3, 4	
3	3, 4	
4	4	

**Table 10-74C-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	TELECOM OPR-MNT	74C1O	PFC		1	1	1	2	2	2	2	3	3		1. Operates tactical and fixed station record telecommunication centers. 2. Grading pattern will be applied to all positions within a paragraph. 3. Grading pattern will be used for all positions not specifically identified in any other line.
2	TELECOM OPR-MNT	74C1O	SPC		1	1	1	2	2	2	2	3	3		
3	SR TELECOM OPR-MNT	74C2O	SGT			1	1	1	1	2	2	2	3		
4	TELECOM TEAM CHIEF	74C3O	SSG						1	1	1	1	1		
5	MESSENGER	74C1O	PFC		1	1	2	2	2	2	2	3	3	4	Grading pattern will be applied to all positions within a paragraph.
6	MESSENGER	74C1O	SPC		1	1	2	2	2	2	3	3	4	4	
7	MESSENGER TEAM CHIEF	74C2O	SGT					1	2	2	2	2	2		
8	COMSEC CLERK	74C1O	PFC				1	1	2	2	3	3	3		COMSEC Logistics Management in: a. CLSU, CCOR, CMDSA, or a DCS Signal Company. b. S2 Sec, HHC, SOCOM Aviation Regiment (first position graded SGT). c. PSYOPS Company, PSYOPS Dissemination Battalion. d. CMO Division, Sig Bde. e. Ops Sec, USAR and NG Units.
9	COMSEC CLERK	74C1O	SPC		1	1	1	1	2	2	3	3	3	4	
10	SR COMSEC CLERK	74C2O	SGT			1	1	1	1	1	1	2	2		
11	COMSEC MATERIAL MGR	74C3O	SSG		1	1	1	1	1	1	1	1	1	1	
12	ASST COMSEC CUSTODIAN	74C3O	SSG		1										
13	COMSEC CUSTODIAN	74C4O	SFC		1	1									1. COMSEC logistic support in: a. Bde or Division COMSEC Office of Record, and Division Signal Office. b. Operations element of a Signal battalion, brigade, or Theater Communications Command. c. COMSEC logistics element of Ranger regiment, Armored Cavalry regiment, MI battalion/brigade or SOCOM Aviation regiment. d. Command Signal Office of an ADA Command. e. CE section of an SF Support Command, or Group Signal Section of an SF Group. f. CMDSA, DCS Signal Company. g. Ops/Info Mt/COMSEC Sec, Army Hq. h. Theater Army Cmd. i. C&E Sec, HHC Sep Bde. j. Corps COMSEC Office of Records. 2. If more than two positions are authorized, additional positions will be graded using lines 8-11.
14	MESSAGE SWITCH OPR-MNT	74C1OZ2	SPC				1	2							1. Operation of the AN/TYC39() Automatic Message Switch. Use with ASI Z2 only. 2. Teams consist of five positions per AN/TYC-39(). All augmentation positions will be graded SPC.
15	MESSAGE SWITCH OPR-MNT	74C2OZ2	SGT			1	1	1							
16	SR MSG SWITCH-OPR-MNT	74C3OZ2	SSG		1	1	1	1	1						
17	MSG SWITCH SUPV	74C4OZ2	SFC		1	1	1	1							
18	INFO SERVICES CLERK	74C1O	PFC		1	1	1	1	2	2	3				1. Provides information service support in a battalion or higher level Signal organization. 2. Grading pattern will be applied to all positions in the paragraph.
19	INFO SERVICES CLERK	74C1O	SPC		1	1	1	1	2	2	3	3			
20	SR INFO SERVICES CLK	74C2O	SGT			1	1	1	1	1	1				
21	INFO SERVICES SUPV	74C3O	SSG				1	1	1	1	1				
22	TELECOM TEAM CHIEF	74C3O	SSG												Supervises a telecommunications center consisting of four or less soldiers in a SOCOM Signal Battalion.
23	TELECOM OPNS SGT	74C3O	SSG												DCS Operations Company, or in the Op/Intel Section of a Command Operations Battalion.
24	PLATOON SERGEANT	74C4O	SFC												Principal NCO in a Signal platoon.

**Table 10-74C-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
25	SECTION CHIEF	74C4O	SFC												Principal NCO in: a. Tactical or fixed station record telecommunication centers consisting of more than 10 positions. b. Message Distribution Section, PATRIOT ADA Battalion c. Corps COMSEC office of records or an ISSO consisting of eight or more positions. d. ISSO of a Theater Communications Command. e. Base Station Section or Base Communications Support Section of a Special Forces Group/Battalion. f. Strategic Spt Sc, Strategic Signal Brigade.
26	MSG SWITCH PLANS NCO	74C4OZ2	SFC												Automatic message switch planning in Corps and Theater Signal Brigades, and in the Plans/Engineering Division of a Theater Communications Command. Use with ASI Z2 only.
27	TELECOMMUNICATIONS NCO	74C4O	SFC												Lan ADPE Ctr; Army Headquarters.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-74C-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	REC TELECOM OPR-MNT	74C1O	PFC	1	1	1	2	2	2	3	3	3	3	3	1. Operation of a post, camp or station telecommunications center.
2	REC TELECOM OPR-MNT	74C1O	SPC	1	1	1	2	2	2	2	2	3	3	3	2. Grading pattern will be used for all positions not specifically identified in any other line.
3	SR REC TELECOM OPR-MNT	74C2O	SGT			1	1	1	1	2	2	2	3		
4	REC TELECOM TEAM CHIEF	74C3O	SSG						1	1	1	1	1		
5	COMSEC CLERK	74C1O	PFC				1	1	2	2	2	3	3	3	1. COMSEC Logistics Management in a CLSU; CMDSA; or a DCS Ops Signal Bn/Bde/Cmd.
6	COMSEC CLERK	74C1O	SPC				1	1	2	2	2	3	3	3	2. Comm Div, USA Hq Southwest.
7	SR COMSEC CLERK	74C2O	SGT			1	1	1	1	1	2	2	3	3	3. FI Trib Board, USA Elm ALFSEE.
8	COMSEC MATERIAL MGR	74C3O	SSG	1	1	1	1	1	1	1	1	1	1	1	4. USAISC-Pentagon. 5. DOIM, USAG Ft Carson.
9	REC TELECOM OPR-MNT	74C1O	PFC				1	1	1	1					JCSE Communications Centers.
10	REC TELECOM OPR-MNT	74C1O	SPC				1	1	1	2	2				
11	SR REC TELECOM OPR-MNT	74C2O	SGT			1	1	1	2	2	3				
12	REC TELECOM TEAM CHIEF	74C3O	SSG	1	1	1	1	1	1	1	1				
13	SR COMSEC CLERK	74C2O	SGT												1. COMSEC accounting section not collocated with a CMDSA. First position graded SGT, subsequent positions use lines 9-10. 2. COMSEC Accounting Branch WHCA. Subsequent positions graded SGT.
14	SR REC TELECOM OPR-MNT	74C2O	SGT												Telecommunications operations in: a. Management-Acct, Hq USAMEPCOM. b. COS, NORAD. c. Network Opns Ctr, WHCA.

**Table 10-74C-3**  
**Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
15	COMSEC MATERIAL MGR	74C3O	SSG												Performs COMSEC accounting functions in: a. Special Operations Support Group. b. Ops Div, USACAC. c. ARSPOC, USA Space Cmd. d. USA Elm and Joint commands having a signal elm. Subsequent positions graded by lines 9-10.
16	REC TELECOM OPNS SGT	74C3O	SSG												Coordinates telecommunications activities for: a. Special Operations Support Group. b. Signal Company. c. Full time support to USAR or NG organizations. d. Telephone Ctr Div, Single Agency Manager Pentagon ITS. e. Implementation Det, Info Sys Eng Cmd. (three positions). f. Cust Svc Br, DISA-EUR. g. Intel Br, Pentagon. h. TACSATCOM, USA Trp Cmd. i. WHCA, subsequent positions graded SGT in Comm Det. j. Ops Sec, Hq AFCS; USA Elm APE. k. DCSIM, INSCOM. l. Tng Br Kesler, INSCOM. m. Intelligence Div, USA Elm International Military Activity NATO.
17	REC TELECOM SYS ANAL	74C3O	SSG												Performs telecommunications systems analysis: a. Operations Sec, Signal Battalion. Subsequent positions graded SSG. b. Comm Sec, Hq SOUTHCOM. c. Software Engineering Sec, USAISEC. d. Hq AFSOUTH. e. Ops Resource Br, Hq EUCOM. f. Information Systems Engineer Command: (1) Implementation Det. (2) Tech Integration Ctr.
18	REC TELECOM SUPERVISOR	74C4O	SFC												1. Telecommunications center consisting of more than 15 soldiers. 2. Ops Ctr/Telecom Br, USA Elm ACE. 3. Single Agency Manager Pentagon, ITS. a. Plan Arch & Engr Div. b. Terminal Branch. c. Staff Comm Br. (One per section.) 4. Performs quality control/ quality assurance functions in: a. Ops Sec, Hq CENTCOM. b. Key Production Div, CECOM. c. Test Ctr, Joint Interop Eng Fac. Subsequent positions graded SSG.
19	REC TELECOM OPNS NCO	74C4O	SFC												Coordinates telecommunications activities in the operations element of: a. USAISEC, USAISC-Pentagon, or a Signal battalion S-3. b. National Military Command Center. c. WHCA. (1) Network Br. (2) WHDC CCST Data Sys Br. (3) Situation Rm Sec. Second position graded SFC. d. Plans Br, INSCOM.
20	SR REC TEL SYS ANAL	74C4O	SFC												Performs telecommunications systems analysis in a telecommunications equipment evaluation activity.

**Table 10-74C-3**  
Standards of grade TDA—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
21	COMSEC CUSTODIAN	74C40	SFC												<ol style="list-style-type: none"> <li>1. Performs COMSEC accounting functions in:               <ol style="list-style-type: none"> <li>a. USA Signal Center &amp; Ft Gordon. Second position graded SSG.</li> <li>b. USA Intel Center &amp; Ft Huachuca.</li> <li>c. USAISC-Pentagon.</li> <li>d. Security Branch of a DCS Signal Battalion.</li> <li>e. Special Operations Support Cmd.</li> <li>f. Crypto Distro Sec, Hq ACE.</li> <li>g. Commel Br, 7th Army CATC.</li> <li>h. CMDSA, European TF.</li> <li>i. Key Production Div, CECOM.</li> <li>j. CSAT SC Res Comp Sup Gp 2.</li> <li>k. COMSEC Spt Fac, USA COMSC Act.</li> <li>l. JT COMSEC Mgmt Br, U.S. Army Elm Forces Korea.</li> </ol> </li> <li>2. If more than two positions are authorized, additional positions will be graded using lines 5-8 above.</li> </ol>
22	DOIM NCOIC	74C40	SFC												Principal NCO in a post, camp, or station Directorate of Information Management (DOIM).
23	PLATOON SERGEANT	74C40	SFC												Principal NCO in a Signal platoon.
24	DETACHMENT SER-GEANT	74C40	SFC												Principal NCO in a Signal detachment.
25	SECTION CHIEF	74C40	SFC												<ol style="list-style-type: none"> <li>1. Supervision of a section involved in record telecommunications or computer operations consisting of 15 or more personnel.</li> <li>2. WHCA.</li> <li>3. Info Br, OJCS.</li> <li>4. Hq Spec Operations Spt.</li> <li>5. Network Br, DISA-PAC.</li> <li>6. Switch Sec, DISA-EUR.</li> </ol>

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-74G-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	<ol style="list-style-type: none"> <li>1. Occasionally lifts and lowers 63 pounds.</li> <li>2. Occasionally pushes and pulls 100 pounds.</li> <li>3. Occasionally carries 60 pounds.</li> <li>4. Must possess hand/eye coordination and finger dexterity in both hands.</li> </ol>
2	1, 2, 3, 4	
3	3, 4	
4	4	

**Table 10-74G-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	COMPUTER SYS OPR-MNT	74G1O	PFC		1	1	1	2	2	2	2	2	3		1. Maintenance of telecommunications computer systems. 2. Grading pattern will be applied cumulatively to all positions in the paragraph.
2	COMPUTER SYS OPR-MNT	74G1O	SPC		1	1	1	1	2	2	2	3	3		3. Grading pattern will be used for all positions not specifically identified in any other line.
3	SR COMP SYS OPR-MNT	74G2O	SGT			1	1	1	1	2	2	2	2		
4	COMPUTER SYS SUPV	74G3O	SSG				1	1	1	1	2	2	2		
5	AUTO MSG SW OPR-MNT	74G1O	SPC		1										Maintenance of an AN/TYC-39() Automatic Message Switch.
6	SR AUTO MSG SW OPR-MNT	74G2O	SGT		1	1									
7	EPLRS NCS OPR-MNT	74G1O	SPC		1										Maintenance of the Enhanced Position Location Reporting System (EPLRS) Net Control Station (NCS) in a Division Signal Battalion. Pattern will be applied to the 1st, 3rd, and 5th maintenance team within the paragraph or section. A team consists of two positions.
8	SR EPLRS NCS OPR-MNT	74G2O	SGT		1	1									
9	EPLRS NCS OPR-MNT	74G1O	PFC		1										Maintenance of the EPLRS NCS in a Division Signal Battalion. Pattern will be applied to the second and fourth maintenance team with the paragraph or section. A team consists of two positions.
10	EPLRS NCS SUPV	74G3O	SSG		1	1									
11	EPLRS NCS OPR-MNT	74G1O	PFC		1										Maintenance of the EPLRS NCS in a Corps Area Signal Brigade. Pattern will be applied to the first maintenance team within the paragraph or section.
12	SR EPLRS NCS OPR-MNT	74G2O	SGT		1	1									
13	EPLRS NCS OPR-MNT	74G1O	SPC		1										Maintenance of the EPLRS NCS in a Corps Area Signal Brigade. Pattern will be applied to the second maintenance team within the paragraph or section.
14	SR EPLRS NCS OPR-MNT	74G2O	SGT		1	1									
15	EPLRS NCS OPR-MNT	74G1O	SPC		1										Maintenance of the EPLRS NCS in a separate Brigade or Armored Cavalry Regiment. Pattern will be applied to all maintenance teams within the paragraph or section.
16	SR EPLRS NCS OPR-MNT	74G2O	SGT		1	1									
17	EPLRS NCS OPR-MNT	74G1O	SPC		1										Maintenance of the EPLRS Downsize in a Division Signal Battalion.
18	SR EPLRS NCS OPR-MNT	74G2O	SGT		1	1									
19	COMPUTER SYS OPR-MNT	74G1O	PFC												Maintenance of CSCE and telecommunications computer systems in a telephone switchboard section at EAC.
20	SYS CONTROL OPR-MNT	74G1O	SPC												Operation and maintenance of an ISYSCON.
21	COMPUTER SYS MAINT TECH	74G1O	SGT												Maintenance of TEIR III telecommunications computer systems in 1-7 below, first position graded SGT; all subsequent positions will utilize lines 1-4 above. a. OSID, 39th Sig Bn. b. OSID, 509th Sig Bn. c. OSID, 102D Sig Bn. d. OSID, 69th Sig Bn. e. 43d Sig Bn: (1) OSID. (2) RSC. f. RSC Graffenwoehr, 69th Sig Bn. g. RSC Hanau, 102d Sig Bn.
22	SR SYS CONTROL OPR-MNT	74G2O	SGT												Operations section/element of a Division Signal Battalion, for operation and maintenance of an ISYSCON or CSCE.
23	SYS CONTROL SUPV	74G3O	SSG												Operations section/element of a Corps Signal Brigade, for operation and maintenance of an ISYSCON or CSCE.
24	SYS CONTROL STAFF NCO	74G4O	SFC												Operations section/element of a Theater Signal Brigade or Theater Communications Command, for operation and maintenance of an ISYSCON or CSCE. If both ISYSCON and CSCE are operational, second position will be graded SGT.

**Table 10-74G-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
25	COMPUTER SYS MNT CHIEF	74G40	SFC													One per unit for supervision of 10 or more soldiers performing maintenance on telecommunications computer systems.
26	COMPUTER SYS STAFF NCO	74G40	SFC													Perform staff functions requiring technical expertise on telecommunications computer systems in a Brigade or higher level organization.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-74G-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	COMPUTER SYS OPR-MNT	74G10	PFC	1	1	1	2	2	2	2	2	3				Maintenance of telecommunication computer systems. Grading pattern will be applied cumulatively to all positions in the paragraph.
2	COMPUTER SYS OPR-MNT	74G10	SPC	1	1	1	1	1	2	2	2	3	3			
3	SR COMP SYS OPR-MNT	74G20	SGT			1	1	1	1	2	2	2	2			
4	COMPUTER SYS SUPV	74G30	SSG				1	1	1	1	2	2	2			
5	COMPUTER SYS OPR-MNT	74G10	SPC			1										Maintenance of Telecommunications Systems within JCSE.
6	SR COMP SYS OPR-MNT	74G20	SGT		1	1										
7	COMPUTER SYS MNT TECH	74G30	SSG	1	1	1										
8	COMPUTER SYS MNT TECH	74G20	SGT													Maintenance of telecommunications computer systems in 1-3 below, first position graded SGT; all subsequent positions will utilize lines 1-4 above: a. Logistic Spt Div, NTC. b. Sec Br, CENTCOM. c. Sys Eng & Maint Sec, Hq AFCE.
9	COMPUTER SYS MNT CHIEF	74G40	SFC													One per unit for supervision of eight or more soldiers performing maintenance on telecommunications computer systems.
10	COMPUTER SYS STAFF NCO	74G40	SFC													Perform staff functions requiring technical expertise in the area of telecommunications computer systems in a-i below, first position graded SFC; subsequent positions will be graded by lines 1-4 above. a. DCSIM, Hq 5th Army. b. Spt Br, OJCS. c. Sys Eng Sec, Hq AFCE. d. Hq Army. e. U.S. Army Info Sys Engr Cmd. (First two positions.) f. Plans, 1108th Sig Bde. g. Trng Br, Keesler AFB h. USAISC-Eng Act, Ft Belvoir. i. Info Mgmt Div, Pentagon. j. Exercise Spt Div, Pentagon. k. Brigade or higher level organization.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-74Z-1**  
**Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2, 3	<ol style="list-style-type: none"> <li>1. Must possess finger dexterity in both hands.</li> <li>2. Frequently writes to keep records, compile data, and perform operational duties.</li> <li>3. Frequently sits for a period of 4 hours duration.</li> </ol>

**Table 10-74Z-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	INFORMATION SYS CHIEF	74Z5O	MSG	<ol style="list-style-type: none"> <li>1. Principal NCO of a centralized automated information processing activity in: <ol style="list-style-type: none"> <li>a. Automation Management or DOIM support/systems element of a division or higher level headquarters.</li> <li>b. USA element of joint services command not authorized a SGM.</li> <li>c. Info Svcs Spt Ofc of a Theater Communications Command.</li> <li>d. Customer Support Division; Plans, Systems Support &amp; Telecommunications Division; and Technical Division of C2 Support Activity, Hq USAREUR.</li> <li>e. Hq, FORSCOM, J3.</li> <li>f. Kuwait DOIM.</li> <li>g. Communication Sec of a Corps or Theater MEDCOM.</li> <li>h. Ops Div Forward, Hq ASC.</li> <li>i. ACOFS, G6 or Mgt Info Sys Office of a HHC, Corps Support Command.</li> <li>j. Network Control Branch, HHC, Corps Signal Brigade.</li> </ol> </li> <li>2. Principal information systems NCO in the operations section of the Director of Information Management (DOIM), or a Strategic Signal Bn.</li> </ol>
2	DIVISION INFO CHIEF	74Z5O	MSG	Division Signal office, HHC, Division Signal Battalion.
3	CORPS INFO CHIEF	74Z5O	MSG	Corps Signal office, HHC, Signal Brigade.
4	INFO SYS SUPERVISOR	74Z5O	MSG	ASC units as senior AUTODIN switching or AUTODIN operations NCO.
5	RECORD TELECOM CHIEF	74Z5O	MSG	Principal NCO in charge of record telecommunications center operations in: <ol style="list-style-type: none"> <li>a. ASC DCS and special security operations sites.</li> <li>b. Logistics automated system support division of a COSCOM/TAACOM MMC.</li> </ol>
6	FIRST SERGEANT	74Z5M	1SG	Principal NCO of a Signal Company. Use with SQI M.
7	SR INFO SYS CHIEF	74Z5O	SGM	Principal NCO of a centralized automated information processing activity/engineering automation branch in: <ol style="list-style-type: none"> <li>a. Corps, Theater, or higher level headquarters.</li> <li>b. Corps Signal Office, HHC, Corps Signal Brigade.</li> <li>c. ACoS Information Management, HHC, TAACOM.</li> <li>d. USA element of joint services command.</li> <li>e. Division Signal office; Division Signal Bn when no MOS 31Z authorized.</li> <li>f. ACOFS, G6 HHC Theater Support Command.</li> <li>g. Signal Engineering Branch, HHC, Corps Signal Brigade.</li> </ol>
8	SR INFO SYS SERGEANT	74Z5O	SGM	Principal NCO in an AUTODIN switching facility.

Notes:

1. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-74Z-3**  
**Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	INFORMATION SYS CHIEF	74Z5O	MSG	Principal NCO of a centralized activity or facility providing automated information processing services to: <ol style="list-style-type: none"> <li>a. Garrison or installation serving less than 20,000 personnel.</li> <li>b. Army element of a joint services command not authorized a SGM.</li> <li>c. MACOM or Theater Army headquarters.</li> <li>d. U.S. Army Field Command, or Field Operating Agency.</li> <li>e. USA Command &amp; Control Support Activity.</li> <li>f. PEO, Networks.</li> <li>g. Plans Br, INSCOM.</li> <li>h. USA Studies Analysis Center.</li> </ol>

**Table 10-74Z-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
				<ul style="list-style-type: none"> <li>i. USA Equipment Evaluation Center.</li> <li>j. ASC Management Engineering Activities (subsequent positions graded MSG).</li> <li>k. Operations Div, USA Intel Spt Det.</li> <li>l. Operations Div, ASC, Ft Belvoir.</li> <li>m. Software Spt, USMA.</li> <li>n. Staff or Terminal Br, SAM Site.</li> <li>o. Automated Sys Br, Strategic Sig Bn.</li> <li>p. APPOC, USA Coml Comm Office.</li> <li>q. Joint Staff.</li> <li>r. DISA Prog Off, USA Elm Saff Spt Ctr.</li> <li>s. WHCA: <ul style="list-style-type: none"> <li>(1) Network Br.</li> <li>(2) Comm Ctr.</li> <li>(3) Sys Software.</li> </ul> </li> <li>t. USA Elm DISO:</li> <li>u. Def Mega Br.</li> <li>v. Info Proc Br.</li> <li>w. Sys Admin Br, OJCS.</li> <li>x. Comm Br, USA Special Ops Spt.</li> <li>y. Ops Sec, USA Elm Spec Ops Joint Intel Ctr.</li> <li>z. JOPES Br, USA Elm Special Ops Cmd.</li> <li>aa. Comp Ops, USA Elm AFSOUTH.</li> <li>bb. Tributary or TARE Sec, USA Elm ALFSEE.</li> <li>cc. USA Elm Allied Powers Europe: <ul style="list-style-type: none"> <li>(1) Tec Control.</li> <li>(2) Operations Sec.</li> </ul> </li> <li>dd. Comp Ops, USAPAC Info Sys Spt Activity.</li> <li>ee. Network Div, USA Elm USEUCOM.</li> <li>ff. MSB Implementation, USA Elm Joint Analysis Ctr.</li> <li>gg. C4I Cust Svcs (J64), USA Elm Inter Agency TF.</li> <li>hh. Communications Ctr, JCSE</li> <li>ii. Data Processing Br, Walter Reed.</li> <li>jj. System Mgmt, AMEDD Center &amp; School.</li> <li>kk. PERSCOM: <ul style="list-style-type: none"> <li>(1) Comp Ops.</li> <li>(2) EREC.</li> <li>(3) Data Br.</li> <li>(4) Info Mgmt Pro Br.</li> </ul> </li> <li>ll. Server Maint &amp; Control Div, USA Cmd Cntrl Spt.</li> <li>mm. Computer Ops, USAADA Ctr &amp; Sch.</li> <li>nn. PO, CTASC.</li> <li>oo. USA Equipment Evaluation Detachment.</li> <li>pp. USAISC Management Engineering Activities. Subsequent positions graded MSG.</li> </ul>
2	INFO SYS SUPERVISOR	74Z5O	MSG	ASC units senior AUTODIN switching or AUTODIN operations NCO.
3	RECORD TELECOM CHIEF	74Z5O	MSG	Principal NCO in charge of record telecommunications center operations in ASC DCS and special security operations sites.
4	INFO SYS OPNS NCO	74Z5O	MSG	Principal information systems operations NCO for proponent school.
5	FIRST SERGEANT	74Z5M	1SG	Principal NCO of a Signal Company. Use with SQI M.
6	SR INFO SYS CHIEF	74Z5O	SGM	<ul style="list-style-type: none"> <li>1. Principal NCO of a centralized automation information processing facility, DOIM or in the following activities. <ul style="list-style-type: none"> <li>a. Garrison or installation DOIM serving more than 20,000 personnel.</li> <li>b. Army element of a joint services command.</li> <li>c. Info Svcs Div (PERSINSD), PERSCOM.</li> <li>d. Software Development Centers.</li> <li>e. Operations Branch, FORSCOM Information Management.</li> <li>f. Office of the Director (PERSINSD), PERSCOM. g. MACOM, USASMA, and ASC activities.</li> <li>h. Proponent Office, USA Signal Center.</li> <li>i. Direct Spt Br, USAD Sys Spt Org.</li> <li>j. RCC (Ft Ritchie, DISA.)</li> <li>k. Operations, WHCA.</li> <li>l. Database Mgmt Sec, USAE USSOSCOM Cmd.</li> <li>m. COMCEN Operations, USA Elm ALFSEE.</li> <li>n. Operations Sec, USA Elm ACE.</li> <li>o. GCCS Div, USA Activity USARPAC.</li> <li>p. Rqmts Anal &amp; Design, USA Info Mgmt Spt Ctr.</li> </ul> </li> <li>2. Principal NCO in the Director of Information Management (DOIM) when no MOS 31Z authorized.</li> </ul>

**Table 10-74Z-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
7	SR INFO SYS SERGEANT	74Z5O	SGM	Principal NCO in an AUTODIN switching facility.

Notes:

1. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-75B-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts 25 pounds and carries 1/4 mile.
2	1, 2, 3, 4, 5, 6	2. Occasionally sits for a period of 5 hours duration.
3	2, 4, 5, 6	3. Frequently stands, stoops, and kneels for a period of 4 hours duration. 4. Must possess finger dexterity in both hands. 5. Frequently reviews documents and correspondence. 6. Frequently provides guidance and assistance verbally.

**Table 10-75B-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	PERSONNEL ADMIN CLERK	75B1O	PFC				1	1	2	2	3	4	4	4	1. Grades of additional positions will be in same pattern. 2. Positions in Special Ops Avn (SOA) graded per lines 4-6. 3. Grading pattern will be used for all positions not specifically identified in any other lines.
2	PERSONNEL ADMIN SPEC	75B1O	SPC	1	1	1	2	2	3	3	3	3	4		
3	PERSONNEL ADMIN SGT	75B2O	SGT	1	1	1	1	1	1	1	1	2	2		
4	PERSONNEL ADMIN CLERK	75B1O	PFC				1	1	2						1. Grades of additional positions will be in same pattern. 2. Special Ops Avn (SOA). Use with SQI S.
5	PERSONNEL ADMIN SPEC	75B1O	SPC	1	1	1	2	2							
6	PERSONNEL ADMIN SGT	75B2O	SGT	1	1	2	2	2	2						
7	PERSONNEL ADMIN SPEC	75B1O	SPC												1. Principal Pers Admin Spec in Co, Btry, Trp, Det Hq Sec and Tm when authorized 100 or less Mil Pers not serviced by Bn S1. 2. Principal Pers Admin Spec in Bde Co Hq Sec when authorized 100 or less Mil Pers.
8	PERSONNEL ADMIN SGT	75B2O	SGT												1. Principal Pers Admin NCO in Co, Btry, Trp, Det Hq Sec and Tm when authorized 100 or more Mil Pers not serviced by Bn S1. 2. Principal Pers Admin NCO in Bde Co Hq Sec authorized 100 or more Mil Pers. 3. Sep Co of a Div, Corps or EAC. 4. Pers Admin Sec, 3d Inf (Old Guard). Subsequent positions also graded SGT.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-75B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	PERSONNEL ADMIN CLERK	75B1O	PFC			1	2	2	3	4	4	4	5	1. Grades of additional positions will be in same pattern. 2. Unit or sec supporting 170 or less asgn or atch Mil Pers.
2	PERSONNEL ADMIN SPEC	75B1O	SPC		1	1	1	2	2	2	2	3	3	
3	PERSONNEL ADMIN SGT	75B2O	SGT		1	1	1	1	1	1	1	2	2	
4	PERSONNEL ADMIN SGT	75B2O	SGT											1. Principal Pers Admin NCO in a Co and HHC when authorized 171 to 349 asgn or atch Mil Pers. 2. Principal Pers Admin NCO in Ofc, Agcy, Acty, Ctr, Elm, Lab, Inst, Arsenal, Depot, Terminal, Cmd, USAG, Acad and Sch or when authorized 171 to 349 asgn or atch Mil Pers of: a. Army Mgmt Hq or Hq Spt Acty. b. MACOM and subordinate Cmd. c. Unified, Specified and Int'l Cmd. 3. Principal NCO in Hq Sec, MEPS. 4. Principal NCO in Asst CofS/Hq Cmdt Ofc. 5. Hq Det, Battle Projection and Simulation Exercise Gps, Bde (BCST) USAR Div Exercise. 6. Admin/Pers Ofc.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-75F-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts TACCS equipment weighing 132 pounds and carries 1/4 mile as part of a 2 soldier team (prorated at 66 pounds per soldier).
2	1, 2, 3, 4	2. Normally sits for a period of seven hours duration. 3. Frequently stands, stoops, and kneels for a period of one hour duration. 4. Must possess finger dexterity in both hands.

**Table 10-75F-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	PERS INFO SYS MGMT CLK	75F1O	PFC			1	2	2	3	3	3	4	4	Grades of additional positions will be in same pattern.
2	PERS INFO SYS MGMT SP	75F1O	SPC		1	1	1	1	2	2	3	3	4	
3	PERS INFO SYS MGMT SGT	75F2O	SGT		1	1	1	1	1	1	2	2	2	
4	PERS INFO SYS MGMT SGT	75F2O	SGT											Ofc of G1, USAR Div Ex Hq. Second position also graded SGT.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-75F-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	PERS INFO SYS MGMT CLK	75F1O	PFC			1	2	2	3	3	3	4	4	4	Grades of additional positions will be in same pattern.
2	PERS INFO SYS MGMT SP	75F1O	SPC	1	1	1	1	2	2	3	3	3	4		
3	PERS INFO SYS MGMT SGT	75F2O	SGT	1	1	1	1	1	1	2	2	2			
4	PERS INFO SYS MGMT SGT	75F2O	SGT												Pers Svc Team. One per team.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-75H-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts TACCS equipment weighing 132 pounds and carries 1/4 mile as part of a 2 soldier team (prorated at 66 pounds per soldier).
2	1, 2, 3, 4	2. Normally sits for a period of six hours duration.
3	2, 4, 5	3. Frequently stands, stoops, and kneels for a period of two hours duration.
4	2, 4, 5	4. Must possess finger dexterity in both hands.
5	2, 4, 5	5. Frequently reviews documents, records and correspondence.

**Table 10-75H-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	PERSONNEL SVC CLK	75H1O	PFC			1	2	2	2	3	4	4	5	Grades of additional positions will be in same pattern.
2	PERSONNEL SVC SP	75H1O	SPC	1	1	1	1	1	2	2	2	3	3	
3	PERSONNEL SVC SGT	75H2O	SGT	1	1	1	2	2	2	2	2	2		
4	PERSONNEL SVC SGT	75H2O	SGT											1. Pers Svc Team. One SGT per team. 2. Principal NCO in HHC DIVARTY, Force XXI.
5	PERSONNEL SVC SGT	75H2O	SGT											1. Ops Sec, Repl Co (CONUS). 24 hour operation, 12 hour shift, first position graded SGT, second position graded SPC per shift. 2. HHC Div Acty, Force XXI.
6	PERSONNEL SVC SGT	75H3O	SSG											1. Principal NCO in: a. Separate Co or S1 Sec supporting 300 or less asgn or atch Mil Pers. b. Sep Co, Bde and Bn/Sqdn S1 Sec supervising 4 or more Mil Pers when the principal NCO is graded SFC, MOS 75H. 2. S1 Sec, Bn, HHT Sqdn and Regt when principal NCO is graded SFC, MOS 75H. 3. S2/S3 Sec, HHD Repl Bn. 4. Pers & Admin Spt Br, HHD, Repl Bn (CONUS). 5. Admin/Log Sec, Bn or Bde. 6. Pers Admin Sec or Mgt Sec, COSCOM. Second position also graded SSG. 7. G1 Sec, ARFOR. 8. ACSPERS Sec, Engr and TRANSCOM. 9. Pers Str Mgt/CSS/MAIN/REAR, Str Acctg Sec, HHC Div. Second position also graded SSG.

**Table 10-75H-2**  
**Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
															10. Pers Acctg/Str Rept Sec, Pers Readiness Mgt Br, Str Acctg Mgt Br, HHC Sep Bde. One per section. 11. Pers Acts Br and Str Acctg Br, HHT ACR. 12. G1 Sec, Army Cmd. 13. ACofS Pers Sec, HHC TAACOM. Second position also graded SSG. 14. Plans & Ops Sec and Pers Admin Div, ASG. 15. Hq Trans Agency (TA) Mov Control. 16. Mgt Sec and Pers Act Sec, Pers Info Tm, PSD. 17. Pers Info Sec, PSD (one per Rcds Tm and Info Sys Mgt Tm). 18. Principal NCO per section: Strength Acct Mgt Br, Admin Sec of SOSB, Data/Info and Staff Action Sec, Pers Gp, Ops Sec of Repl Co. 19. Hq Pers Info Sec, Hq Pers Sys Sec and Hq Pers Svc Sec, Pers Svc Det, PSB. 20. Pers Svc Co: a. Pers Rcds Div. One per team. b. Proc Unit. c. Control Unit. d. Pers Data Div. 21. Pers Mgt Div and Pers Act Div, Pers Svc Co. Second position in Type B, C, D, E and F also graded SSG. Third position in Type F also graded SSG. 22. Cas Proc, Thtr Acctg Br, MIA/USPW/CAS Rec Br, Cbt Arms, Cbt Spt and Cbt Svc Spt Br, PERSCOM Type A. 23. Plans & Ops Div, Cas Proc Br, MIA/USPW/CAS Rec Br, Cbt Arms, Awds & Dec Br, Acts Br, Thtr Acctg Br, Field Sys Br, Repl Dir, Rqmts & Ops Div and OPMD, PERSCOM Type B. 24. Plans & Ops Div, Cas Ops & Est Br, MIA/USPW/CAS Rec Br, Awds & Dec Br, Acts Br and Field Sys Br, Repl Dir, PERSCOM Type C. 25. Human Res Mgt Br, Army Hq. Second position also graded SSG. 26. HHC PERSCOM: a. Plans and Ops Sec. Subsequent positions also graded SSG. b. Long Range Plans Br or Sec. 27. Sig Plans and Intel Br, Sig Bde. 28. Internal Spt Div, MMC (Split Ops).
7	MANPOWER/FDEV SGT	75H30	SSG												G3/Force Integration of Div.
8	SR PERSONNEL SVC SGT	75H40 75H402S	SFC												1. Pers orgn for supv 20 or more Mil Pers. 2. Sep Co or S1 Sec, Bn, HHT Sqdn, Regt, Gp, Bde or Corps supporting 300 or more asgn or atch Mil Pers. 3. Principal Pers Svc Sgt in S1 Section: a. PERSCOM Type A. b. Svc Tm LA. c. TASOSC. d. CID (CSE/TSE) and CID MP Gp. e. Med Hel, Asslt Hel and Avn Bn, Special Ops Avn (SOA) Regt. Use with SQI S. 4. Principal Pers Svc Sgt in: a. Admin/Log, Pers/Admin, Ops/Admin, Hq Spt, Log & Pers Div, S1/S4 Sec of Bn, Regt, Bde, Gp, Spt Cmd, Finance Ctr or Cmd and HHB DIVARTY. b. Per Sys and Svcs Sec/Tm, HHD Pers Svc Bn. c. Str Mgt Sec, Pers Gp. 5. Admin Div or Br, CSH, Field, Gen or Evac Hosp. 6. Pers Rcds, Pers Mgt and Pers Acts Div, HHC, Pers Svc Bn. 7. Pers Str Mgt Br/G1 CSS/MAIN/REAR and Str Acctg or Mgt Sec and Repl Sec, HHC Div/HHC Div Force XXI. 8. ACSPERS Sec, HHC PERSCOM Type B and C and Sp Trps Hq, TAACOM. 9. Repl Plt and Ops Sec, Repl Co.

**Table 10-75H-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
															10. Repl or Pers Acctg Sec, HHC Div. 11. EPW Sec, HHC MP Bn or Cmd; or EPW Rec and ADP Sec, HHD MP Det (PWIC). 12. SGS Ofc, HHC Corps and Army Cmd. 13. Ofc in a Dir and HHC Pers Admin Spt Gp. 14. Str Mgmt and Data Info Sec, HHC Pers Gp. 15. Rqmts and Ops Div, HHC PERSCOM Type A and C. 16. Cbt Arms, Cbt Spt and Cbt Svc Br, HHC PERSCOM Type B and C. 17. OPMD, Theater Acctg and Casualty Proc Br, HHC PERSCOM Type C. 18. G1, G3 and DAG3 Sec, HHC of a Div, Corps and TA. 19. ACoS Pers Sec, HHC TAACOM. 20. Admin Sec, Sig Det. 21. Movements Br, HHD Repl Bn (CONUS). Second position graded SSG.
9	DETACHMENT SER-GEANT	75H4O	SFC												Principal NCO in a Pers Det Hq.
10	OPERATIONS SER-GEANT	75H4O 75H4O2S	SFC												S2/S3 Sec, HHD Pers Repl Bn.
11	PLATOON SERGEANT	75H4O	SFC												1. Repl Co or Div G1 Repl Sec for supervision of every 100 replacement Mil Pers. 2. Pers Info and Sys and Pers Mgmt and Acctg Sec, Plt Hq Sec, Pers Det.
12	MANPOWER/FDEV SGT	75H4OA3	SFC												1. HHC, Corps. 2. Plans Br, HHC TAACOM.
13	SR PERSONNEL SVC SGT	75H5O 75H5O2S	MSG												1. Principal NCO in: a. S1 Sec, HHC Spec Ops Avn Regt. Second position graded SSG. Use with SQL S. b. S1 Sec, TASOSC. 2. Data, Pers Rcds, Pers Mgt and Per Acts Div, HHC Pers Svc Bn. 3. Pers Plans and Ops and Repl Sec; and Mil Pers Div, HHC Div. 4. G1 Sec, HHC Army Cmd, Civil Affairs Bde and G1/AG Sec, HHC FA Corps Artillery. 5. DCSPER, HHC TA, MEDCOM and Ord Bde. 6. AG Sec, HHC Corps. 7. Dir for Pers and Admin, HHC ASG. 8. Pers Mgmt and Pers Act Br, HHC TA Sig Cmd. 9. Pers Ops and Pers Str Mgmt Br, HHC Div/HHC Div, Force XXI. (MAIN/REAR). 10. Cmd Sec, HHC Pers Svc Bn/Cmd. 11. Pers Sys Div, HHC PERSCOM. 12. Data Info Sys Sec, Pers Gp. 13. Cas and Pers Acts Div, HHC PERSCOM. 14. Pers Mgmt Br and Pers Act Br, Theater Sig Cmd. 15. HHC Engr Cmd. 16. Pers Mgmt Br, COSCOM. 17. Human Res Mgt Br, Army Cmd. 18. ACoS Pers Sec, TAACOM. 19. Mor/Wel/Rec/Educ Br, HHC Theater Support Cmd. 20. AG Sec, HHC, Army Signal Cmd. Second position graded SFC.
14	OPERATIONS SER-GEANT	75H5O 75H5O2S	MSG												Principal NCO in: a. Ops Sec, Pers Svc Bn. b. S2/S3 Sec, HHD Pers Repl Bn. c. Ops Sec, Pers Gp and Pers Svc Cmd.
15	FIRST SERGEANT	75H5M	1SG												Principal NCO in a pers co with more than 75 Mil Pers.
16	SR MPR/FDEV SGT	75H5OA3	MSG												Force Dev or Mpr Elm, HHC Army Cmd.

**Table 10-75H-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
17	CH PERSONNEL SVC SGT	75H5O 75H5O2S	SGM													Principal NCO in: a. DCSPER/G1 and G1/CSS Cell (Rear/Main) and Pers Sec, HHC, TAACOM; DCSPER, HHC TA Sig Cmd; and DCSPER/G1, HHC Div, G1 of MP EPW Cmd, HHC CA Cmd and Admin Log Sec of AAMDC. b. AG Ofc, G1/CSS Cell/REAR, HHC Corps, G1 Sec, Hq 8th Army and G1, HHC COSCOM. c. ACSPERS, HHC MEDCOM, TRANSCOM and Engr Cmd. Second position graded SFC. d. HHC Pers Svc Bn and Ofc of MILPO, Pers Svc Spt Dir, HHC Pers Svc Bn. e. Cmd Sec, Pers Hq, Pers Svc Cmd. f. G1 Manpower & Pers Sec, HHC, Army Service Component Cmd.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-75H-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	PERSONNEL SVC CLK	75H1O	PFC		1	1	2	2	3	4	4	5			Grades of additional positions will be in same pattern.
2	PERSONNEL SVC SP	75H1O	SPC	1	1	1	2	2	2	2	2	3	3		
3	PERSONNEL SVC SGT	75H2O	SGT	1	1	1	1	2	2	2	2	2	2		
4	PERSONNEL SVC SGT	75H2O	SGT												1. Principal NCO in Sep Unit, Acty, Agcy, Br, Sec, Spt Div/Br, Mil Pers Ofc/Div, In/Out Proc Sec/Br, Pers Svc Br, and Ops Br/Sec. 2. Principal Pers Svc Sgt in Cas Proc & Prep Br.



**Table 10-75H-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
															30. Pers Svc Br, USA Elm Hq Unified Cmd (AFSOUTH). 31. Army Div, USA Elm Unified Cmd (Hq PACOM). 32. DCSPER/G1 Ofc, USA Exer Spt Gp. 33. Ops, Access Mgmt, Reenl, Pers Appl, Enl Prom and Asgn Br and HQDA Sec, PERSCOM. 34. HQDA Ln Tm, HHC PERSCOM (Hq EUSA). Third position also graded SSG. 35. USA Sp Scty Ofc, INSCOM. 36. Pers and Admin Sys Gp, USAFSMA. 37. ARPERCEN (FTS). Subsequent positions graded SGT. 38. Scty Asst Tng, Hq TRADOC. 39. Pers Div, Pers Plans Br, Hq MEPCOM. 40. Pers Asst Point. Second and third positions graded SGT. 41. COMO and Opns Dir, PERSCOM. 42. Principal NCO in S1 of Bn and Bde, USAREC. 43. Hq USAREC: a. Off Mgmt Br. b. Enl Mgmt Br. Second and third positions also graded SSG. c. Str Mgmt Br. Second position also graded SSG. d. ARPERCEN Ln Sec. 44. Pers Proc/Br Soldier Act Sec, SOC. 45. Trng Tm, USA Asst. 46. Elm of Joint Pers Div, Hq of Int'l and OSD. 47. Casualty and Mortuary Affairs Sec, MDW. 48. HHC, ATC USAREUR. 49. USASMA. 50. Principal NCO in Hq Sec, ROTC Cadet Cmd. 51. HHC of Div, Pers Svc Bn, Spt Gp and Det. 52. USAE U.S. Space Cmd. 53. Pers Ofc, Dept Cmd. 54. Spt Div, Mil Pers Div, Pers Mgmt Br, USA Op Test Eval Agcy. 55. Customer Svc, I/O Proc Sec, Svc Employment Wash. 56. USAE On-Site Inspec Agcy. Second position also graded SSG. 57. USA Cong Inq Ofc. 58. Per/Admin Sys Gp, USA Joint Sys Control. Second, through fifth positions also graded SSG. 59. Per Sec or Br, DIA. 60. Str Mgmt Div and Pers Acts Div, HHC 5th Corps. 61. Automation Div, HHC 5th Corps. Second position also graded SSG. 62. U.S. Army Acquisition Spt Agcy. 63. Hq & Staff in USA Avn Spt Elm, USA SOC. 64. 2d and 6th U.S. Army Reserve Cmd RTBS. 65. USAE Allied Forces Central Europe Hq. 66. Reserve Coord Ofc & Pers Staff Ofc Elm, Intel Cmd. 67. U.S. Army Readiness Gp, PACOM. 68. Det Hq, U.S. Army Broadcasting Ofc, Chief Public Affairs. 69. 2d WO Co, USA Warrant Off Career Ctr. 70. Mil Pers Ofc, Hq MDW. 71. USAE Def Nuc Agency & USAUHS DCSPER, USA Research & Mat Cmd. 72. Ch Milper, Tripler (Hawaii). 73. Principal NCO in Pers/Fin Sec, S1 Fld Ex Bde of USAR Div Ex (second position graded SGT). 74. Pers Acts, Pers Rcds, and Pers Mgmt Sec, Ofc of G1 USAR Div Ex Hq. Second position also graded SSG. Subsequent positions graded SGT. 75. Pers ISM Sec, Ofc of G1, USAR Div Ex Hq. 76. HHD USAR Div Ex (second position graded SGT). 77. S1 in Regional Trng Bde (RTB), Hq Readiness Gp (RG) when principal NCO is graded SFC. Third position is graded SGT.
6	MANPOWER/FDEV SGT	75H30	SSG												1. Mpr Equip & Doc Sec. 2. Res Mgmt Sec.

**Table 10-75H-3**  
**Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes									
				1	2	3	4	5	6	7	8	9	10										
7	SR PERSONNEL SVC SGT	75H4O 75H4O2S	SFC																				<ol style="list-style-type: none"> <li>1. Principal NCO in Mil Pers Div servicing 1,749 or less asgn or atch Mil Pers. Second position graded SSG.</li> <li>2. Pers Ofc, Pers Div, Auto Br or Div, Str Mgmt Br, Pers Proc, Pers Admin Div, Pers Sec, Pers Reassignment Br, Trainee/Stu Proc Sec/Br, Pers Svc Ctr, Reassignment Br, Plan/Pers Auto Br, Pers Ops Br, Soldiers Spt Br, PSST Ofc, Admin Sec or Div, Admin/Log Sec Bn S1, or S1/S4 Sec, or S1 Ofc, Attache PSC, MILPO, USAG, Det or Tm in Acty, Agcy or Elm of Army Mgmt Hq and Hq Spt Acty, MACOM and subordinate command, and in Unified, Specified and Int'l Cmds.</li> <li>3. Str Mgmt Div, HHC 5th Corps. Second and third positions also graded SFC.</li> <li>4. Pers Acts Div, Plans &amp; Ops Div and Automation Div, HHC 5th Corps.</li> <li>5. Adj Sec, 19th TAACOM.</li> <li>6. HHC, 2ID and 3ID.</li> <li>7. Gen or Field Hosp.</li> <li>8. Reqmts/Ops Div, HHC PERSCOM.</li> <li>9. PERMAS Tm, HHC 8th PERSCOM and Hq TRADOC when authorized MSG.</li> <li>10. Hq USAREC: <ol style="list-style-type: none"> <li>a. Spec Inq Br.</li> <li>b. AGR Mgmt Div. Second through fifth positions also graded SFC.</li> <li>c. Enl Mgmt Br. Second position also graded SFC.</li> <li>d. Str Mgmt Br.</li> </ol> </li> <li>11. Prov Marshal Ofc, Hq USAREUR.</li> <li>12. USA Log Ctr, HHC CASCOM.</li> <li>13. Mil Pers Svc, USAE Nat Def Univ.</li> <li>14. Admin Div, USA Foreign CI Acty.</li> <li>15. Pers Admin, USAR Tech Gp, DCSPER FTS, ARCOM.</li> <li>16. Res Mgmt Div, USMA Prep School.</li> <li>17. Pers Admin Br, NATO Sch SHAPE.</li> <li>18. Mil Pers Br, Spt Svc Br, USA Spt Acty, Saudi.</li> <li>19. Cadre Mgmt Br and Admin Svc Br, ROTC Region Hq.</li> <li>20. Ofc Deputy Chief of Staff Hq AFSOUTH.</li> <li>21. USA Rdy Gp, Ft Shafter.</li> <li>22. Res Mgmt Ofc, DIAG.</li> <li>23. Admin Spt Ctr, DLA.</li> <li>24. Mgmt Spt Ofc, ODCSPER.</li> <li>25. Exec Actions Div, Ofc CofS Army.</li> <li>26. Ofc Cdr, Def Pers Spt Ctr.</li> <li>27. Pers Div, Pers Mgt Br Bn S1 Sec, USA Op Test Eval Agcy.</li> <li>28. MP Bde, Panama.</li> <li>29. S1 Sqdn and Tng Bde.</li> <li>30. Pers Div and Spt Gp, Hq MEPCOM.</li> <li>31. Mil Pers Br, USA Elm OJCS.</li> <li>32. PERSCOM: <ol style="list-style-type: none"> <li>a. PSSP. Subsequent positions also graded SSG.</li> <li>b. Sp Tng Mgmt Br. Subsequent positions also graded SFC.</li> <li>c. Awds, NCO Eval, Army Restr, Opns Tm, Gen Off Mgmt and Mgmt Spt.</li> <li>d. Transportation Br, DCSOPS. Three subsequent positions also graded SFC.</li> <li>e. Pers Svcs, Career Mgmt Field, enl Prom, Plans &amp; Anal and Pers Appl Br.</li> <li>f. Reclass Br. Second positions also graded SFC.</li> <li>g. Reenlistment Br. Subsequent positions also graded SFC.</li> <li>h. Enl Prom Sec. Subsequent positions also graded SFC.</li> <li>i. Casualty Opns Div. Subsequent positions also graded SFC.</li> <li>j. Trng &amp; Ext and SIDPERS-3 Field Team. Subsequent positions also graded SFC.</li> </ol> </li> </ol>

**Table 10-75H-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
																k. Sp Mgt Div. Second position graded SSG, Personnel Svc SGT. 33. USA MEDCEN and WRAIR. 34. Pers Auto Br, SIDPERS Acty. 35. PAC/Admin Sec, Hq Troop Cmd (Korea). 36. USA Elm On-Site Inspec Agcy. 37. Pers Prog Div, DMA. 38. Pers Sys Integ Br, Foreign Area Mgmt Br, ARPERCEN. 39. Mgmt Svc Br, USA Broadcast Svc Agcy. 40. Res Comp Spt Gp, FORSCOM. Second position also graded SFC. 41. Pers Admin Sys Gp, USA Joint Sys Control Agcy. Second and third positions also graded SFC. 42. Pers Br/Sec, DIA. 43. Off Mgmt Br, HHC TAACOM. 44. CID Tenant Spt Unit. 45. Div/Br, Mil Pers Div when authorized MSG. 46. USA Spt outside DoD acty. 47. Software Sys Dir, USA Software Dev Ctr Wash. 48. AG DCSPER, USAISC Mgmt Engr Acty. 49. Pers Svcs Br and U.S. Army Trans Agcy, WHCA. 50. Mil Pers Ofc, DFAS, Hq Wash. 51. USA Elm Def Nuc Agcy and USAUHS. 52. U.S. Army Trans Agcy, White House. 53. Bde O/C Tm, USA Cbt (M) Trng Ctr (Hohenfel). 54. Admin Sec, Hq 5th USA RC Spt Tm. 55. 420th Engr Bde, Ft Sam Houston. 56. ODCOS, US Elm FS Sou Europe/AFS. 57. XO/Pres, USA Support Outside DoD Acty. 58. Pers Act Sec, Stf & Fac, USMA. 59. Pers Rec Sec, USAG Fitzsimons. 60. Ch MILPERS, William Beaumont Army Ded Ctr. 61. Ofc of the Dir, Ch of PA, Army Broadcast Svc. 62. Admin/Pers Br, USA Space & Stratg Def Cmd. 63. Unit Spt Br, Pers & Employ Svc, Wash, DC. 64. Ofc of G1, USAR Div Ex Hq. Second position also graded SFC. 65. Principal NCO in S1 Sec, Log Spt Bn, USAR Div Ex. Second position graded SSG and third and fourth positions graded SGT. 66. Principal NCO in Pers/Fin Sec, S1 in Fld Ex Bde of USAR Div Ex. Subsequent position graded SGT. 67. S1 Sec, RTB Hq of RG. 68. 5th Army Hq of RTS.
8	DETACHMENT SER-GEANT	75H4O	SFC													Principal NCO in a Pers Det Hq.
9	OPERATIONS SER-GEANT	75H4O	SFC													1. ARCOM, FORSCOM (FTS). 2. HHC, USA Cmd. 3. Enl Asgn Br, PERSCOM. 4. Sr USAR Adv Ofc, HHC TAACOM. 5. CTC Dir, Hq CAC. 6. Plans & Ops Div, USASOC.
10	CAREER ADVISOR	75H4O	SFC													1. Enl Asgn Br and CSM/SGM Mgmt Ofc, PERSCOM. Subsequent positions also graded SFC. 2. Spt Ops Br, ARPERCEN.
11	LIAISON SERGEANT	75H4O	SFC													1. Hq FOA. 2. Hq ARPERCEN. 3. Str Mgmt Br, Hq USAREC. 4. 8th PERSCOM. Second and third positions graded SSG. 5. Readiness/Ops/Trng of AMC. 6. Ops Br, USA Missile Cmd, USA Trng & Ctr, Fts Jackson and Sill.

**Table 10-75H-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
12	MANPOWER/FDEV SGT	75H4OA3	SFC												<ol style="list-style-type: none"> <li>1. Res Mgmt Div, HHC 2d Inf Div. Second position also graded SFC.</li> <li>2. Force Mod/Integ Div, HHC 3d Inf Div.</li> <li>3. S3 Plans and Ops Sec, MI Bde.</li> <li>4. Res Mgmt Ofc, Force Dev Div and Unit Tng Div, USA Svc Sch or Tng Ctr.</li> <li>5. Force Dev or Mpr Sec, USAG in support of 20,000 or more asgn or atch Mil Pers.</li> <li>6. Acty, Agcy or Elm of Army Mgmt Hq and Hq Spt Acty, MACOM and subordinate MACOM and Unified, Specified and Int'l Cmd.</li> <li>7. Res Mgmt Div, 501st MI Bde.</li> <li>8. USAFMSA: <ol style="list-style-type: none"> <li>a. Med/Engr/Sig/Avn Br.</li> <li>b. Req Doc Div.</li> <li>c. Mgmt Spt &amp; Plans Ofc.</li> </ol> </li> <li>9. Principal NCO in Ofc of FD/FS Br, USAR Div Ex Hq.</li> </ol>
13	SR PERSONNEL SVC SGT	75H5O 75H5O2S	MSG												<ol style="list-style-type: none"> <li>1. Mil Pers Div with 25 to 49 Pers Svc Spt Personnel servicing 1.750 or more asgn or atch Mil Pers.</li> <li>2. Joint Readiness Tng Ctr, MACOM.</li> <li>3. Pers Str Mgmt Br, Pers Proc, Pers Control, Pers Svc/Records Br, Pers Auto Br, I/O Proc, Pers Admin Br, Res Mgmt Div Pers/Admin Opns Sec or Br, ADP Sec or Br, USAG and Tng Ctr.</li> <li>4. DCSPER, MEDCOM and USASOC.</li> <li>5. Admin/Log Div, Spt Agcy.</li> <li>6. Def Legal Sec in Elm of OJCS.</li> <li>7. Hq CENCOM of DoD Joint Acty and in Spt Acty outside DoD.</li> <li>8. Ofc of DCSPER, MDW.</li> <li>9. Ops &amp; Sys Integ Br, ARPERCEN.</li> <li>10. DCSPER, Pers Ops Ctr (FTS) NGB.</li> <li>11. Exer Spt Agcy, PACOM (Japan).</li> <li>12. Sp Ops Cmd. USA Reserve Comp Spt Tm.</li> <li>13. USA Reserve Cmd.</li> <li>14. PERMAS Tm, HHC 8th PERSCOM and Hq TRADOC.</li> <li>15. USA Strat Def Org.</li> <li>16. JTF, Unified Cmd (LANTCOM).</li> <li>17. USA Def Commissary Agcy.</li> <li>18. PERSCOM: <ol style="list-style-type: none"> <li>a. Career, Force Analysis, Reclass, Special Act, Casualty Opns and Pers Act Br.</li> <li>b. Opns Tm.</li> </ol> </li> <li>19. Det of Int'l Mil Hq (Res Corps).</li> <li>20. USA Tng Ctr, MACOM.</li> <li>21. G1, HHC Army Cmd and ACofS G1, USASF.</li> <li>22. Pers/Admin Sec, MI Bde.</li> <li>23. Ofc of Asst Dir and Mil Pers Div, Med Ctr.</li> <li>24. PERSCOM PSSP Det.</li> <li>25. Pers/Admin Div, Nat Def Univ.</li> <li>26. Mil Spt Br, USA Elm JICS.</li> <li>27. Mil Pers Br, Ofc Sec of AF, OJCS.</li> <li>28. Prop, Tng and Ldr Dev Div, USASSI.</li> <li>29. USA Elm DLI.</li> <li>30. ODCSPER, USAR (FTS), Tech Gp, FORSCOM.</li> <li>31. Reserve Comp Spt Gp, FORSCOM (FTS). Second position also graded MSG.</li> <li>32. Leader Dev Ofc, CAC.</li> <li>33. AG Fin Br Asst Tm, Ft Shafter.</li> <li>34. Opn Ofc, AAESA, Ft Belvoir.</li> <li>35. USA Elm On-Site Inspec and USA Acquisition Spt Agcy.</li> <li>36. USA Spec Mgmt Elm. Second position graded SFC.</li> <li>37. Admin Br, USA Broadcast Svc.</li> <li>38. Pers Sec, ARCENT Trng Scty, Kuwait.</li> <li>39. Pers/Admin Sys Gp, USA Joint Sys Control. Second and third positions also graded MSG.</li> <li>40. Data Mgmt Br, HHC TAACOM.</li> <li>41. AMC: <ol style="list-style-type: none"> <li>a. Tng &amp; Career Dev.</li> <li>b. Str Mgmt Br. Second position also graded MSG.</li> </ol> </li> <li>42. Pers Svc Br, WHCA.</li> </ol>

**Table 10-75H-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
															43. Info & Svc Br, Hq FORSCOM. 44. Hq, DISA. Second position graded SFC. Third and fourth positions graded SSG. 45. Accession Mgmt Br, USA Reserve Command. Second position also graded MSG. 46. USA Elm of Joint Acty. 47. AGR Mgmt Div, Hq USAREC. Second position also graded MSG. 48. Mil Pers Div & Bn S1 Sec, USA OTEA. 49. Soldier Spt Br, USA Health Svc. 50. Pers Act and Pers Ops Br, MEDCOM. 51. Ops Spt Ofc, USA Admin Spt Acty. 52. Pers Br or Sec, DIA. 53. Pers Sec of Elm, Def Info Sys Agcy. 54. USARP: a. Ofc of AG. b. Pers Act Mgmt Br. Second position also graded MSG. 55. Admin/Log Div, Exercise Spt Act. 56. Str Mgmt Div, HHC 5th Corps. 57. USA outside DoD acty. 58. U.S. Army Trans Agcy, WHCA.
14 OPERATIONS SER-GEANT	75H5O 75H5O2S	MSG													1. Plans, Prog and Policy Div of SOC, Mil Pers Div. 2. Ops Sec, Pers Repl, Pers and Admin and Pers Svc Bn. 3. S3 Tng Bde. 4. Plans Tm, Hq 1st RC Spt, FORSCOM.
15 SR CAREER ADVISOR	75H5O	MSG													Mob and Ops Dir or Enl Asgn Br of ARPERCEN.
16 LIAISON SERGEANT	75H5O	MSG													1. Hq USA Joint Acty and subordinate units (Spt Acty outside DoD), and Int'l Mil Hq (ACE). 2. Hq USAREC. 3. Hq, USAREUR.
17 FIRST SERGEANT	75H5M	1SG													Principal NCO in a Co, Pers Co with more than 75 Mil Pers.
18 SR MPR/FDEV SGT	75H5OA3	MSG													1. Force Dev or Mpr Elm, USA and MACOM. 2. ODCSOPS, HHC Army Cmd. 3. USAFMSA: a. Europe/MDW USMA Br. b. Pacific Br. c. USARSO Br. d. Info Sys/Trans Br. e. CSS/Hqs & PSS Br. f. Joint/Defense-ARSTAFF. g. Ballistic Miss Def Org (BMDO).
19 SR CBT DEV NCO	75H5O	MSG													CSS Div, RDD, USAFMSA.
20 CH PERSONNEL SVC SGT	75H5O 75H5O2S	SGM													1. Mil Pers Div with 50 Pers Svc Spt Pers servicing 4,000 asgn or atch Mil Pers. 2. Ofc CSA, SMA, ODCSPER, Ch of Res and Enl Br, NGB of HQDA. 3. Pers & Admin Div, WHCA. 4. Enl Pers Mgmt Dir, Career Br, Eval Sys Ofc, TAGD, Spec/Enl Actions Br, Sp Tng Mgmt Br, Pers Prom Sec/Br, EREC, DA Secretariat and Enl Sp Rev Bd, MPT Domain Br, Enlisted Distribution Div and Desert Info PT, PERSCOM. 5. Ofc of DCSPER, MDW. 6. J1, USA Elm PACOM. 7. Pers Ops Acty Ctr, NGB. 8. ODCSPER of HSC, INSCOM, Spec Op Cmd, HQDA DCSPER, Scty Br and Enl and of Uniform Bd. 9. Ofc CG, CFSC. 10. USA Elm U.S. Space Cmd and ACE SHAPE. 11. Mil Pers Spt Ctr, Svc Employment Wash.



**Table 10–76J–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	MEDICAL SUPPLY SP	76J10	PFC		1	1	1	2	3	3	4	4	4	1. Grades of additional positions will be in same pattern.
2	MEDICAL SUPPLY SP	76J10	SPC		1	1	1	2	2	2	3	3	3	2. Grading pattern will be used for all positions when not provided by any other line.
3	MEDICAL SUPPLY SGT	76J20	SGT			1	1	1	1	1	1	2	2	
4	VEHICLE DRIVER	76J10	PFC											Co Hq, Det Hq and/or Plt Hq Sec.
5	MEDICAL SUPPLY SGT	76J20	SGT											1. Co Hq Sec of Med Co (FSB) Hvy Div. 2. Cmd Sec in: a. HHD of Med Bn (Den Svc). b. Thtr Army Med Lab and AML. 3. H&S Sec in Med Det (Area Spt). 4. Spt Sec in Den Spt Unit and/or Den Svc. 5. Maint Plt Hq Sec in Med Log Co and/or Log Spt Co. Use with SQI S. 6. Med Sec in Spt Co of SF Gp (Abn). Use with SQI S. 7. Div Med Ops Ctr in HHC/MMC of Spt Cmd supporting AASLT, Abn and Lid.
6	MEDICAL SUPPLY SGT	76J30	SSG											1. Spt Div of Med Log Mgt Ctr (MLMC). 2. MLMC Spt Tm of MLMC (three positions will be graded SSG per each team). 3. S4/Med Sup Sec in: a. HHD of Area Spt Med Bn. b. H&S Co of Area Spt Bn. 4. CSS Auto Mgt Ofc (AMO) in: a. HHC of Area Spt Gp. b. HHC/MMC of Spt Cmd supporting AASLT, Abn, LID and Hvy Div. 5. Med Mat Mgt Br in HHC/MMC of Spt Cmd (Hvy Div). 6. Med Mat Mgt Ofc in Spt Gp (Corps). 7. Surg Ofc in HHC of COSCOM. 8. Hq Sec in Med Trp of Spt Sqdn (ACR). 9. Med Log Sec in Hq & Maint Spt Co of SOSB (Abn). Use with SQI S. 10. Log Sec in Hosp Unit, Surg (MAIN). 11. ADP Div in Thtr Med Mat Mgt Ctr (TMMMC). 12. Surg Sec in HHC of SF Gp (Abn). Use with SQI S. 13. Co Hq in Med Co of: a. FSB for AASLT, Abn and LID. b. MSB for AASLT, Abn and Hvy Div. c. Area Spt. d. HC of Air Ambl. 14. Bde Med Sup Ofc (BMSO) in Med Co of Sep Bde (HSB and SIB). 15. S4 Sec in: a. HHD of Med Evac Bn. b. HHD of Med Log Bn. 16. Reg Med Sup Sec in Med Co of Spt Sqdn (ACR). 17. Sec in Area Spt Den Co. 18. Mat Mgt Div of MLMC. 19. COSCOM Surg Sec in HHC of Med Bde.
7	MEDICAL STORAGE SUPV	76J30	SSG											1. Rec and Stor Sec in: a. HHC of Log Spt Bn. b. Hq of Med Log Co. 2. Ship Sec in: a. HHC of Log Spt Bn. b. Hq of Med Log Co. 3. Sup and Svc Div in H&S Co of Med Co w/164 Beds. 4. Hosp Unit Base (CSH, Fid and Gen).

**Table 10-76J-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
8	STOCK CONTROL SUPV	76J30	SSG													<ol style="list-style-type: none"> <li>1. Stk Con Sec in HHC of Med Log Co.</li> <li>2. Med Mat Spt Sec in Log Spt Co of Med Log Bn.</li> <li>3. Log Spt Co of Med Log Bn:               <ol style="list-style-type: none"> <li>a. Ship Sec.</li> <li>b. Recg Sec.</li> <li>c. Stor Sec.</li> </ol> </li> <li>4. Med Log Co or Log Spt Co and/or Dist Co (Log).               <ol style="list-style-type: none"> <li>a. Recg/Stor Sec.</li> <li>b. Ship Sec.</li> <li>c. Stk Con Sec.</li> </ol> </li> <li>5. Loc/Doc Maint Con Sec and/or Doc Con Sec in Hq of Dist Co (Log).</li> <li>6. Recg and Ship Sec and Stor Sec in Hq of Dist Co (Log) and Med Log Det.</li> <li>7. Med Mat Spt Sec in Log Spt Co.</li> <li>8. Sup and Svc Div in Hosp Unit Base (CSH, Fld and Gen).</li> <li>9. Sup and Svc Br in CSH and MASH.</li> <li>10. Mat Mgt Div in TMMMC.</li> <li>11. Bio Med Equip Maint Sec in Med Log Spt Det.</li> <li>12. Med Log Sec in Hq of SOSB (use with SQI S).</li> <li>13. TASOSC.</li> <li>14. Movement Con Tm.</li> </ol>
9	MEDICAL SUPPLY SGT	76J40	SFC													<ol style="list-style-type: none"> <li>1. Spt and Mat Mgt Div in HHC of MLMC.</li> <li>2. MLMC Spt Tm in HHC of MLMC (only one SFC per team).</li> <li>3. Spt and Ops Sec in HHC of Med Bn.</li> <li>4. Pub Hlth/Den Tm in CA Det (GS).</li> <li>5. Sup and Svc Div in Hq of Med Co w/164 Beds.</li> <li>6. DMSO Sec in HHC of Med Bn (MSB) supporting AASLT, Abn and LID and Hvy Div.</li> <li>7. Recg/Stor Sec in:               <ol style="list-style-type: none"> <li>a. Co Hq of Med Log Co.</li> <li>b. Co Hq of Log Spt Co.</li> </ol> </li> <li>8. Spt/Ops Svc Sec in Med Log Bn.</li> <li>9. QA Div in Hq of TMMMC.</li> <li>10. QA Sec in HHD of Med Log Bn.</li> <li>11. Sup/Svc Div in Hosp Base (CSH).</li> <li>12. Spt Ops Br in HHC of Army Svc Comp Cmd (ASCC).</li> <li>13. Ofc of Mil Asst Ctr.</li> <li>14. Log Spt Sec in HHC of MEDCOM (Corps).</li> </ol>
10	PLATOON SERGEANT	76J40	SFC													Principal NCO in Plt Hq Sec.
11	DETACHMENT SGT	76J40	SFC													Principal NCO in Det Hq Sec with 75 or less soldiers when MOS 76J is predominate MOS.
12	OPERATIONS SER- GEANT	76J50	MSG													<ol style="list-style-type: none"> <li>1. Spt Tm in HHC of MLMC (only one MSG per team).</li> <li>2. S2/S3 Sec in HHC of Med Log Bn.</li> </ol>
13	MEDICAL SUPPLY SGT	76J50	MSG													<ol style="list-style-type: none"> <li>1. DCSLOG in HHC of MEDCOM (TA). Grade MSG as second position.</li> <li>2. Log and/or S4 Sec in HHC of Med Bde (EAC) and Med Gp.</li> <li>3. Mat Mgt Div in HHC of MLMC.</li> <li>4. Hq Sec in MLMC.</li> <li>5. Sup and Svc Sec in Hosp Unit Base of Fld or Gen Hosp.</li> <li>6. Mat Mgt Div of TMMMC.</li> </ol>
14	FIRST SERGEANT	76J5M	1SG													Principal NCO in Co Hq with 75 or more soldiers when MOS 76J is predominate MOS..
15	MEDICAL LOG SGT	76J50	SGM													<ol style="list-style-type: none"> <li>1. Principal NCO in:               <ol style="list-style-type: none"> <li>a. DCSLOG in HHC of MEDCMD (TA).</li> <li>b. Log Plans/Ops Sec of G4 in HHC of MEDCOM (Corps).</li> </ol> </li> <li>2. Cmd Sec in HHC of MLMC.</li> <li>3. Hq Sec of TMMMC.</li> </ol>

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–76J–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	MEDICAL SUPPLY SP	76J1O	PFC	1	1	1	1	2	3	3	4	4	4	1. Grades of additional positions will be in same pattern. 2. When only one position is identified, single position will be graded SPC.
2	MEDICAL SUPPLY SP	76J1O	SPC		1	1	2	2	2	3	3	3	4	3. Grading pattern will be used to augment MTOE TDA Med Spt Ofc positions in CS Bn. 4. Grading pattern will be used for all positions not specifically identified by any other line.
3	MEDICAL SUPPLY SGT	76J2O	SGT			1	1	1	1	1	1	2	2	
4	MEDICAL SUPPLY SGT	76J2O	SGT											1. Principal Med Sup NCO in: a. Material, Mat Mgt, Prop, Mat Dist, Log, Stor, Recg, Dist and Stor, Equip Mgt and/or Maint, Prop Mgt, Inven and/or Acctg, Prop Acctg and Con, Fac Mgt, Stor and Issue Sec and/or Br of: (1) MEDCEN or MEDDAC. (2) U.S. Army Aeromed Ctr and Inst of Surg Rsch (ISR). b. Pharm Spt, Radl, Adm, Data File and Linen and Custodial Sec of MEDCEN and/or MEDDAC. c. Capital Equip Br of MEDCEN (WRAMC). d. Admin Div of: (1) U.S. Army Ctr fo Hlth Prom and Pvnt Med. (2) U.S. Army Hlth Clin of MEDCEN (MAMC and WRAMC-Fort Ritchie). e. Log Div of: (1) MEDDAC (Ft Lee) and Heidelberg. (2) Walter Reed Army Inst Of Rsch (WRAIR). f. PRIMUS PLUS Clin of MEDCEN (WRAMC). g. Prop Mgt Div of U.S. Armed Forces Inst of Path (AFIP). h. AMEDD Det of USAF Base (Sheppard). i. Sup and Maint Sec in Log Spt Unit (OCONUS) of U.S. Army FORSCOM. 2. AUGTDA--Med Bn (HBG) of Med Co Aug. 3. AUGTDA--Med Spt Ofc in HHC of Div.
5	MEDICAL SUPPLY SGT	76J3O	SSG											1. Principal Med Sup NCO in: a. Mat Br of: (1) MEDCEN (MAMC, TAMC, WAMC, WBAMC and WRAMC). (2) MEDDAC (Heidelberg). b. Log Div of: (1) MEDDAC (Fts Irwin and McClellan). (2) MEDDAC Redstone Arsn and West Point (USMA). c. Log Br of: (1) U.S. Army Rsch Inst of Envr Med. (2) U.S. Army Med Rsch Inst of Chem Def. d. Log Spt Br (Floors 1-7) in MEDCEN (WRAMC). One per floor. e. Prop Mgt Br of MEDCEN (BAMC and WBAMC). f. Stor and Dist Br in MEDCEN (WRAMC). g. Dir of Log in U.S. Armed Forces Inst of Path (AFIP).
6	MEDICAL SUPPLY SGT	76J4O	SFC											1. Principal Med Sup NCO in: a. Dir of Dist in U.S. Army Elm of Def Dist Rgn West. b. U.S. Army Hlth Clin (OCONUS) of U.S. Army Forces CENTCOM. c. C Log Div of: (1) MEDCEN (WBAMC, WRAMC). (2) MEDDAC (Fts Benning, Campbell, Carson, Drum, Hood, Huachuca, Jackson, Knox, Leavenworth, Leonard Wood, Monmouth, Polk, Riley, Sill, Stewart), (3) MEDDAC (Alaska and Wurzburg). (4) U.S. Army Aeromed Ctr. d. Log Div of: (1) MEDDAC (Heidelberg). (2) WRAIR and U.S. Army Med Rsch Inst of Inf Dis.. e. Srat Plans and Mat Div of U.S. Army Med Mat Agcy (USAMMA). f. LAAR and C Prop Mgt Br Br of MEDCEM (TAMC). g. C Mat Br of MEDCEN (BAMC, DDEAMC, LRAMC and WRAMC). h. Equip Acctg Mgt Br in MEDCEN (WRAMC). 2. Mod & Fldg Spt Div of USAMMA (subsequent position also graded SFC). 3. Impl TF of U.S. Army Hlth Care Sys Spy Acty (subsequent positions graded SSG). 4. Cmd Log Rev Ofc in Hq of MACOM (U.S. Army Med Cmd). 5. Med Br of U.S. Army Sp Ops Spt Cmd.

**Table 10-76J-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
															6. S1/S4 Sec in Sp Ops Med Tng Bn of USAJFKSWCS. 7. Surg Ofc of USA Sp Ops Cmd. 8. AMEDD (Ft Sam Houston) of USA Res Coord Elm. 9. AUGTDA--Surg Ofc in HHC of Army Hq (USAREUR).
7 DETACHMENT SER-GEANT	76J40	SFC													Principal NCO in Det Hq with 75 or less soldiers when MOS 76J is predominate MOS.
8 MED PROPERTY MGT SGT	76J50	MSG													Principal Med Prop Mgt NCO in DCSLOG of U.S. Army Rsch and Mat Cmd.
9 MEDICAL LOG SGT	76J50	MSG													Principal Med Log NCO in C, Log Div of MEDCEN (BAMC, DDEAMC, MAMC and WAMC).
10 MEDICAL SUPPLY SGT	76J50	MSG													Principal Med Sup NCO in Ofc of Ch in MEDCEN (WRAMC).
11 FIRST SERGEANT	76J5M	1SG													Principal NCO in Co Hq with 75 or more soldiers when MOS 76J is predominate MOS.
12 MEDICAL LOG SGT	76J50	SGM													Principal Med Log NCO in: a. Cust Asst Ofc of U.S. Army Med Mat Agcy. b. C Log Div in MEDCEN (LRAMC and TAMC). c. Ofc of Dir in MEDCEN (WRAMC). d. DCSLOG in Hq of MACOM (U.S. Army Medical Cmd).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-77F-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7	1. Frequently lifts 235 pounds 8 inches as part of a 2 soldier team (prorated at 117.5 per soldier).
2	1, 2, 3, 4, 5, 6, 7	2. Frequently lifts 100 pounds 4 feet and carries 50 feet.
3	7, 8	3. Frequently pushes and pulls 100 pounds 5 feet.
4	7, 8	4. Occasionally climb and descend 50 feet.
5	7, 8	5. Occasionally digs, lifts, and shovels 21 pound scoops of dirt 5 X 5 feet while bending, stooping, or kneeling. 6. Must possess normal color vision and depth perception. 7. Frequently inspects visually. 8. Frequently writes reports and compiles data.

**Table 10-77F-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
<b>FSSP/Terminal operations</b>													
1 PETRL SUPPLY SP	77F10	PFC	1	1	2								Grades of additional positions will be in same pattern.
2 PETRL SUPPLY SP	77F10	SPC	1	1									
<b>Pipeline operations</b>													
3 PUMP STATION OPR	77F10	PFC	1	1	2	2	3	3	3	4	4		Grades of additional positions will be in same pattern.
4 PUMP STATION OPR	77F10	SPC	1	1	2	2	3	3	3	4	4	5	
5 PUMP STATION OPR	77F20	SGT							1	1	1	1	
<b>Petroleum inventory operations</b>													

**Table 10-77F-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
6	PETRL INV CONTROL SP	77F1O	SPC	1												Grades of additional positions will be in same pattern.
7	PETRL INV CONTROL SP	77F2O	SGT	1	1											
<b>Aircraft &amp; vehicle operations</b>																
8	ACFT FUEL HANDLER FUEL HANDLING SP	77F1OH7	PFC			1	1									Grades of additional positions will be in same pattern.
9	ACFT FUEL HANDLER FUEL HANDLING SP	77F1OH7	SPC		1	1	2									
10	ACFT FUEL HANDLER FUEL HANDLING SP	77F2OH7	SGT	1	1	1	1									
<b>Light Vehicle Operator</b>																
11	PETRL LT VEH OPR	77F1OH7	PFC	1	1	2	3	3	4	5	6	6	7			Grades of additional positions will be in same pattern.
12	PETRL LT VEH OPR	77F1OH7	SPC	1	1	1	2	2	2	2	3	3				
<b>Heavy Vehicle Operator</b>																
13	PETRL HVY VEH OPR	77F1OH7	SPC	1	2	2	3	3	4	5	6	6	6			Grades of additional positions will be in same pattern.
14	PETRL HVY VEH OPR	77F2OH7	SGT		1	1	2	2	2	2	3	4				
15	VEHICLE DRIVER	77F1O	PFC													
16	CORPS/INSTL SUPPLY OPS	77F2O	SGT													Petrl Div, MMC COSCOM (forward deploying) or TAACOM for management of packaged petrl products.
17	PETRL SUPPLY FORE-MAN	77F3O	SSG													Petrl Dist Sec, QM Plt, Force Provider Co.
18	PUMP STATION FORE-MAN	77F3O	SSG													Pipeline Sec, QM Petrl PI & Tml Op Co.
19	AIRFIELD SVC SUPV	77F3O	SSG													1. Abn Spt Plt, HHC Avn Bn (SOA). 2. CI III Sec, Fwd Spt Co, (SOSB) (Abn)/HHSC, MI Bn. 3. Acft Refuel Sec, HSC, Spt Bn (Avn) Hvy Div.
20	PETRL VEH SUPV	77F3O 77F3OH7	SSG													1. Trans Sec: a. Inf Bn. b. Div Cav Sqdn. c. Tank Bn. d. HHT, ACS, ACR. Position coded with ASI H7. e. HHT Armd Cav Sqdn. 2. Dist Sec: a. Fwd Spt Co, FSB (AR) (MX). b. Sup Co, MSB Hvy Div.
21	PETRL SUPPLY SGT	77F3O 77F3OH7	SSG													1. CI III Sec, HHC Avn Aslt Bn. Position coded with ASI H7. 2. Abn Spt Plt, Med Hel Bn and Aslt Hel Bn (SOA). Second position also graded SSG. Position coded with SQI S. 3. Petrl Opns Br, QM Petrl PI & Tml Op Bn and QM Petrl Supply Bn. 4. CI III Plt QM Supply Co. 5. Petrl Dist Sec, QM Force Provider Co. 6. Petrl Stor/Dist Sec, QM S&T Trp Spt Sqdn ACR. 7. CI III Sec, QM Aug EAD Spt Tm. 8. Petrl Sup Sec and Petrl Dist Sec, Hq & Sup Co, MSB Aslt Div. 9. Petrl Dist Sec, Hq & Sup Co, MSB Abn Div. 10. CI III Sec, Hq & Sup Co, MSB/FSB LID. 11. Readiness Opns Div and CI III/Wtr Br Rear, MMC (Split Ops) COSCOM. 12. Petrl Mgmt Div, MMC TA. Second position also graded SSG. 13. HNS Div, HHC Theater Spt Cmd. 14. CI III Petrl Hq, QM Petrl Supply Co.
22	CORPS/INSTL SUPPLY OPS	77F3O	SSG													Petrl & Wtr Div, MMC COSCOM/TAACOM.

**Table 10-77F-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
23	SECTION CHIEF	77F30	SSG												<ol style="list-style-type: none"> <li>1. Principal NCO of Petrl, Storage and Issue, Dist, Svc Spt, Tank Farm, Airfield Svc, S&amp;T, FARE or FARP Resupply Sec.</li> <li>2. CI III: <ol style="list-style-type: none"> <li>a. Grnd Sec, Avn Bde.</li> <li>b. Air Sec, Avn Bde (Hvy/LID).</li> <li>c. Cmd Avn Bn.</li> <li>d. Air Recon Squadron.</li> <li>e. Spt Avn Bn.</li> <li>f. CI III/V Plt Sq, Regt Avn Sqd.</li> <li>g. Avn Svc Trp/Attack Bn/Assault bn.</li> <li>h. Lt Utility Avn Co.</li> <li>i. Cmd Avn Bn (EAC).</li> <li>j. Assault Co.</li> <li>k. Aviation Co (SOA).</li> <li>l. Combat Spt Avn Bn.</li> <li>m. Spt Co (Nat Spt Elm).</li> <li>n. MMC Cmd Avn Bn (Corps).</li> <li>o. Hvy Hel co.</li> <li>p. Theater Army Avn Co.</li> <li>q. QM Petrl Sup Co.</li> </ol> </li> </ol>
24	PETRL DISPATCH SGT	77F30	SSG												<ol style="list-style-type: none"> <li>1. Petrl Opns Br, QM Petrl PI &amp; Tml Op Bn. Second position also graded SSG.</li> <li>2. Petrl Product Con Sec, QM Petrl PI &amp; Tml Op Co. Second and third positions also graded SSG.</li> <li>3. Plns/Procedures Sec, MMC TAACOM.</li> </ol>
25	POL DIST QA SUPV	77F30	SSG												<ol style="list-style-type: none"> <li>1. Qual Survl/Safety Br, HHC Petrl Gp.</li> <li>2. CI III &amp; Wtr Sup Br, DISCOM Hvy Div and MMC DISCOM Aslt/Abn Div.</li> <li>3. QA Div, MMC TA.</li> </ol>
26	PETRL SUPPLY SGT	77F40	SFC												<ol style="list-style-type: none"> <li>1. Petrl Liaison Sec, HHC Petrl Gp.</li> <li>2. CI III (Air) Sec, HHC Div Avn Bde (Abn).</li> <li>3. CI III Sec: <ol style="list-style-type: none"> <li>a. Hvy Med Hel Co.</li> <li>b. Aslt Hel Bn (UH-1/UH-60).</li> <li>c. Aslt Hel Co (UH-1/UH-60) with organic AVUM.</li> <li>d. Aug Tm, Aslt Hel Co (UH60).</li> <li>e. Cmd Avn Co (UH-60).</li> <li>f. Fwd Spt Co (SOSB) (Abn). Position coded with SQI S.</li> <li>g. Hq &amp; Sup Co, FSB Aslt/Abn Div.</li> <li>h. Hq &amp; Sup Co, MSB LID.</li> </ol> </li> <li>4. CI III &amp; Wtr Sup Br, DISCOM Hvy Div.</li> <li>5. Petrl Spt Br, HHC COSCOM.</li> <li>6. Mat Mgmt Tm, MMC (Split Ops) COSCOM.</li> <li>7. S&amp;S Br, HHD Corps Spt Bn.</li> <li>8. QA Div, MMC TA. Subsequent positions graded SFC.</li> <li>9. CI III &amp; Wtr Spt/Sup Sec, HHT Spt Sqdn ACR.</li> <li>10. Petrl &amp; Wtr Div, MMC COSCOM/TAACOM.</li> <li>11. Spt Opns Sec, HSC Spt Bn Avn Hvy Div.</li> <li>12. Tank Farm &amp; Storage/Issue Sec, QM Co.</li> <li>13. Dir/Mat, HHC ASG.</li> </ol>
27	PLATOON SERGEANT	77F40	SFC												Principal NCO in petrl tml operations, pl operations, petrl supply, CI III and IIIV, POL Storage and Dist or POL/AMMO Plt, Abn Spt Plt, Tml Op Plt Hq.
28	PETRL DIST SUPV	77F40	SFC												<ol style="list-style-type: none"> <li>1. Plns, Rqmts and Dist Br, QM Petrl Gp.</li> <li>2. Petrl Mgmt Div, MMC TA.</li> <li>3. Petrl &amp; Wtr Br, HHC &amp; Sp Trp TAACOM.</li> <li>4. Dist Opns Br and Petrl &amp; Wtr Div, HHC Theater Spt Cmd.</li> </ol>
29	PETRL RQMTS SGT	77F40	SFC												<ol style="list-style-type: none"> <li>1. QM Petrl Liaison Tm.</li> <li>2. Petrl &amp; Wtr Br, HHC &amp; Sp Trp TAACOM.</li> <li>3. Petrl &amp; Wtr Div, HHC Theater Spt Cmd.</li> </ol>
30	PETRL DISPATCH SGT	77F40	SFC												<ol style="list-style-type: none"> <li>1. Petrl Ops Br, QM Petrl PI &amp; Tml Op Bn. Second position also graded SFC.</li> <li>2. Petrl &amp; Wtr Div, MMC.</li> </ol>

**Table 10-77F-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
31	PETRL OPS SGT	77F4O	SFC												1. Petrl Product Con Sec, QM Petrl Pl & Tml Op Co. 2. Petrl Opns Br, HHD QM Petrl Sup Bn. 3. S2/3 Sec, HHC Petrl Gp. 4. Spt Opns Sec, Hq & Main Spt Co, SOSB (Abn). Position coded with SQI S.
32	PETRL SGT	77F4O	SFC												Security and Plans Branch of Petrl Sup Bn and Petrl Pl & Tml Opns Bn.
33	DETACHMENT SER-GEANT	77F4O	SFC												Principal NCO of Petrl Sup Bn Det comprising of 75 or less soldiers.
34	PETRL OPS SGT	77F5O	MSG												1. S2/3 Sec: a. HHC QM Petrl Pl & Tml Op Bn. b. HHD QM Petrl Sup Bn. c. HHD QM Wtr Sup Bn. d. HHC Petrl Gp. 2. Sup Ctrl Sec, QM Petrl Sup Co. 3. Petrl & Wtr Dir and Petrl Mgmt Div, MMC TA. 4. Petrl & Wtr Div, MMC TAACOM.
35	PETRL SUPPLY SGT	77F5O 77F5O2S	MSG												1. Petrl Liaison Sec, HHC Petrl Gp. 2. Log/Ops Br, HHD QM S&S Bn. 3. Poland Wtr Br, HHC Army Svc Comp Cmd. Position coded with ASI 2S. 4. CI III & Wtr Sup Br, HHC/MMC DISCOM Hvy Div. 5. CI III Sup Br, HHC/MMC DISCOM, Aslt/Abn Div. 6. CI I, III Bulk, Wtr Br, HHC/MMC DISCOM LID. 7. Petrl Spt Br and Petrl Wtr Br, HHC COSCOM. 8. S&S Br, HHC Corps Spt Gp, Corps Spt Bn and HHD Area Spt Bn. 9. S&S Svc Br, ASG.
36	CORPS/INSTL SUPPLY OPS	77F5O	MSG												1. CI III/Wtr Br, MMC (SplitOps) COSCOM. 2. Petrl & Wtr Div, MMC COSCOM.
37	PETROLEUM NCO	77F5O	MSG												1. Petrl Liaison Tm. 2. ACofS G4, 8th USA HHC.
38	QUALITY ASSURANCE NCO	77F5O	MSG												QA Div, MMC, TA.
39	FIRST SERGEANT	77F5M	1SG												1. Principal NCO in a company performing petrl supply and dist functions with more than 75 soldiers. 2. Co Hq, HSC Spt Bn (Avn) Hvy Div.
40	PETRL SUPPLY NCO	77F5O	SGM												1. Petrl & Wtr Br, HHC & Sp Trp TAACOM. 2. Petrl & Wtr Div, HHC Theater Spt Cmd.
41	PETRL DIST SGT	77F5O	SGM												Petrl Ops Sec/Support Opns Sec and Plns, Rqmts & Dist Br, HHC Petrl Gp.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-77F-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	PUMP STATION OP PETRL SP	77F1O	PFC	1	1	2	2	3	3	3	4	4	4	4	Grades of additional positions will be in same pattern.
2	PUMP STATION OP PETRL SP	77F1O	SPC	1	1	2	2	3	3	3	4	4	5		
3	PUMP STATION OP PETRL SP	77F2O	SGT								1	1	1	1	

**Petroleum inventory operations**

**Table 10-77F-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
4	PETRL INV CON SP	77F1O	SPC	1												Grades of additional positions will be in same pattern.
5	PETRL INV CON SP	77F2O	SGT	1	1											
<b>Aircraft fuel operations</b>																
6	ACFT FUEL HDLR	77F1OH7	PFC	1												Grades of additional positions will be in same pattern.
7	ACFT FUEL HDLR	77F1OH7	SPC	1	1											
8	ACFT FUEL HDLR	77F2OH7	SGT	1	1	1										
<b>Light Vehicle Operator</b>																
9	PETRL LT VEH OP	77F1OH7	PFC	1	1	2	3	3	4	5	6	6	7			Grades of additional positions will be in same pattern.
10	PETRL LT VEH OP	77F1OH7	SPC	1	1	1	2	2	2	2	3	3				
<b>Heavy Vehicle Operator</b>																
11	PETRL HVY VEH OP	77F1OH7	SPC	1	2	2	3	3	4	5	6	6	6			Grades of additional positions will be in same pattern.
12	PETRL HVY VEH OP	77F2OH7	SGT		1	1	2	2	2	2	3	4				
13	FUEL HANDLING SP PETRL DISPENSING PETRL RIGGER PETRL SUPPLY SP PUMP OPERATOR TANK ATTENDANT TANK CLEANING SP	77F1O	PFC													
14	PETRL SERGEANT	77F2O	SGT													1. Maint Admin Plt, USA Engr Ctr and Ft Leonard Wood. 2. POL, Taegu and Cp Carroll 20th Spt Gp (Aug).
15	PUMP STATION FORE- MAN	77F3O	SSG													Supervision of pump station crew of seven or more soldiers.
16	AIRFIELD SERVICE SUPV	77F3O	SSG													1. Supervision of four or more aircraft fuel handlers. 2. Airfld Opns, 23d Spt Gp (Aug). 3. Op B, USAG Ft Stewart.
17	PETRL SGT	77F3O	SSG													1. ESOC Stk Con Div, U.S. Army Elm Def Fuel Sup Ctr. 2. Veh Sys Div, U.S. Army Equip Eval Acty. 3. HAAF and RGAFF Div, USAG Ft Hood. 4. USA Security Asst Trng Team. 5. S2/3, USASOC. 6. Spt Plt, USAARMSCH.
18	SECTION CHIEF	77F3O	SSG													1. CI III Sec, USASETA Avn Sec. 2. Spt Plt, USAARMSCH.
19	PETRL DIST SGT	77F3O	SSG													1. CI III dist point supervising four or more subordinate soldiers. 2. Storage Div, USA Depot Leghorn.
20	PETRL SUPPLY SGT	77F3O	SSG													1. Storage, USAG Ft Riley. 2. MMC Con and POL Sec, USA FORSCOM Log Spt Unit, Sinai. 3. Retail Ops, USAG Alaska. 4. S4 Sec, USAADASCH. 5. Svc Div, 1st Arm Tng Bde USAARMCTR. 6. POL-Pusan, 20th Spt Gp (Aug). 7. DMMC/CI IX and MATO, 1 AR HHC 01/03 (Aug).
21	PLATOON SERGEANT	77F4O	SFC													Principal NCO in a QM Plt.
22	PETRL DIST SUPV	77F4O	SFC													1. Sup Sec, U.S. Forces Central Cmd Kuwait. 2. POL CI III-HO, 100th LG ASG, (Aug). Second position graded SSG.
23	PETRL OPS SGT	77F4O	SFC													1. ESOC Stk Con Div, U.S. Army Elm Def Fuel Sup Ctr. 2. S4 Sec, U.S. Army Arctic Spt Bde. 3. Trents Ops Elm, USAPAC.

**Table 10-77F-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
24	PETRL SERGEANT	77F40	SFC												1. DFR Europe and NE, U.S. Army Elm Def Fuel Sup Ctr. 2. S4 Log Br, USAG Ft Hood. 3. S4 Sec, USAADASCH, Ft Bliss. 4. Sup & Svc, USASOC. 5. S&S MATO, 51st Maint Bn (Aug). 6. POL Point-GTA, 100th LG ASG (Aug). 7. Corps CSS Bde, I Corps HHC (Aug). 8. CMTC, Avn Det Grafenwohr.
25	QUAL SURV NCO	77F40	SFC												1. USA Elm Def Fuel Sup Ctr: a. DFO Turkey. b. DFR South. 2. Log Eval Asst Br, U.S. Army ADA Sch, Ft Bliss.
26	DETACHMENT SER-GEANT	77F40	SFC												Principal NCO of Petroleum Supply Detachment with less than 75 soldiers assigned.
27	QUAL ASSUR NCO	77F50	MSG												1. U.S. Army Elm Def Sup Ctr: a. DFR Europe/Pacific. b. DFO United Kingdom. c. DFQUAR Livorno. Second position graded SFC. 2. Petrl Mgmt Br/Jt Petrl, USAPAC.
28	PETRL NCO	77F50	MSG												1. Taegu, U.S. Army Elm Def Fuel Sup Ctr. 2. Trp Br, U.S. Army Avn & Trp Cmd.
29	FIRST SERGEANT	77F5M	1SG												Principal NCO in a QM Tng Co with more than 75 soldiers.
30	PETRL SUPPLY NCO	77F50	SGM												1. Trans & Svc Prog Br, FORSCOM. 2. Prog Mgr for POL, U.S. Army Avn & Trp Cmd.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-77L-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts 25 pounds and carries 100 feet.
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts 100 pounds 4 feet and carries 50 feet.
3	4, 5, 6	3. Occasionally stands, stoops, or kneels for a period of 1 hour duration.
4	4, 6	4. Occasionally sits for a period of 4 hours duration. 5. Must possess normal color vision. 6. Frequently writes reports and compiles data.

**Table 10-77L-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	PETRL LAB SP	77L10	PFC	1	1	2	2								1. Grades of additional positions will be graded PFC. 2. Base Laboratory will be graded at shift level.
2	PETRL LAB SP	77L10	SPC	1	1	1									
3	PETRL LAB SGT	77L20	SGT				1								
<b>Air mobile laboratory</b>															
4	PETRL LAB SP	77L10	SPC	1	2										Operation of Laboratory Air Mobile equipment LIN # L33184.
5	PETRL LAB SGT	77L20	SGT	1	1	1									
6	VEHICLE DRIVER	77L10	PFC												

**Table 10-77L-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
7	QUALITY SURVL SP	77L10	SPC												1. Tml Op Plt Hq, QM Petrl PI & Tml Co. 2. Qual Survl/Safety Br, HHC Petrl Gp. 3. Petrl Plt Hq, QM Sup Co. 4. Petrl Sup Sec, MSB.
8	PETRL LAB SGT	77L20	SGT												1. CI III Plt Hq, QM Petrl Sup Co. 2. QM Petrl Tm, HNS. Subsequent positions also graded SGT. 3. Petrl Plt Hq, S&T Trp Spt Sqdn ACR. 4. Petrl Plt Hq, S&T Co, Spt Bn Hvy Sep Bde. 5. CI III Sec, S&S Co MSB, (ID). 6. QA, MMC TA. Subsequent positions also graded SGT.
9	PETRL SURVL NCO	77L30	SSG												1. S2/3 Sec, Petrl PI & Tml Op Bn and Petrl Sup Bn. 2. QM AOAP Mobile Lab Tm. 3. Petrl Liaison Sec and Base Petrl Lab, HHC Petrl Gp. 4. Petrl & Wtr Div, MMC, COSCOM/TAACOM. 5. QA Div, MMC TA. 6. Petrl & Wtr Br, HHC & Sp Trp, TAACOM. 7. Petrl & Wtr Div, HHC Theater Spt Cmd.
10	PETRL LAB SUPV	77L30	SSG												1. Petrl Lab Br, Petrl PI & Tml Op Bn and Petrl Sup Bn. 2. Petrl Prod Lab (Mobile), QM Petrl Mobile Lab Tm. 3. Petrl Spt Br, HHC, COSCOM. 4. CI III/ Wtr Br, MMC (SplitOps) COSCOM.
11	PETRL LAB SUPV	77L40	SFC												1. QM Petrl Base Lab. 2. Base Lab, HHC Petrl Gp. 3. Petrl & Wtr Br or Petrl Spt Br, COSCOM.
12	PETRL SURVL NCO	77L40	SFC												1. Qual Survl/Safety Br, Petrl Gp. 2. QM Petrl Liaison Tm. Second position graded SSG.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-77L-3**  
**Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	PETRL LAB SP	77L10	SPC	1. POL Anlys/QA Br, U.S. Army Avn Ctr & Ft Rucker. 2. Petrl Sqd, U.S. Army FORSCOM Log Spt Unit, Sinai.
2	PETRL LAB SGT	77L20	SGT	1. Petrl Sqd, U.S. Army FORSCOM Log Spt Unit, Sinai. 2. POL Anlys/QA Br, U.S. Army Avn Ctr & Ft Rucker.
3	PETRL LAB QA SP	77L30	SSG	1. Petrl Prod Lab, U.S. Army Elm Def Fuel Sup Ctr. Subsequent positions graded SPC. 2. POL Anlys/QA Br, U.S. Army Avn Ctr & Ft Rucker. 3. Army Oil Anlys Div, AMC Log Spt Acty.
4	PETRL SURVL NCO	77L40	SFC	1. Taegu, DFR Central and Pet Prod Lab, U.S. Army Elm Def Fuel Sup Ctr. 2. MAOR Taegu, U.S. Army Def Contract Mgmt Cmd Internation. 3. MAOR Elemendorf, U.S. Army Elm Def Contract Mgmt Dist West.

Notes:

1. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-77W-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 3, 4, 5, 6, 7, 8	1. Frequently lifts 95 pounds, carries 12 feet, and lowers as part of a 2 soldier team (prorated 48 pounds).
2	1, 3, 4, 5, 6, 7, 8	2. Frequently lifts 95 pounds and carries 20 feet.
3	2, 6, 7, 8	3. Occasionally lifts and swings a hammer to pound 2 feet stakes into the ground.
4	6, 7, 8	4. Frequently stands, stoops, and kneels for a period of 1 hour duration. 5. Must possess normal color vision. 6. Frequently listens for malfunctioning equipment. 7. Frequently visually inspects equipment. 8. Frequently writes reports and compiles data.

**Table 10-77W-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	WATER TRMT SP	77W1O	PFC			1	1	2	2	2	3	3	3	Grades of additional positions will be in same pattern.
2	WATER TRMT SP	77W1O	SPC	1	1	1	2	2	3	3	3	4	4	
3	WATER TRMT NCO	77W2O	SGT	1	1	1	1	1	2	2	2	3		
4	VEHICLE DRIVER	77W1O	PFC											
5	WATER TRMT NCO	77W2O	SGT											Wtr Sec, Hq & Main Spt Co, SOSB (Abn). Subsequent positions also graded SGT.
6	WATER TRMT SUPV	77W3O	SSG											1. Wtr Sup Br, QM Wtr Sup Bn. 2. Sup and Distr Sec, QM Wtr Sup Co. 3. Wtr Purif Pt, QM Wtr Purif Det (30000GPH). 4. Barge Wtr Tm, QM Wtr Purif Det (Barge). 5. Wtr Purif Tm, QM Wtr Purif Det (12000GPH). 6. Tac Wtr Distr Tm, QM Tac Wtr Distr (Hoseline). 7. Wtr Sec, Fwd Spt Co and Main Spt Co, (SOSB) (Abn). 8. Wtr Sec, Sup Co, MSB. 9. Wtr Sec, S&T Trp Spt Sqdn, ACR. 10. CI I & Wtr Sec, S&T Co, Spt Bn, Hvy SIB. 11. Wtr Distr Sec, QM Force Provider Co. 12. Wtr Sec, QM Sup Co. 13. Wtr Trmt Tm, QM S&T Bn, LID Art Spt Det. 14. 40K WDS Tm, QM Hot/Arid Env Wtr Tm. 15. Wtr Sec, QM S&T Co, Spt Bn SIB. 16. CI III & Wtr Sec, HHT Spt Sqdn ACR. 17. Wtr Sec, QM Sup Co, FSB. 18. Wtr Mgmt Div, MMC TA. Second position also graded SSG. 19. Sup & Svc Br, Corps Spt Gp. 20. Petrl & Wtr Br, HHC COSCOM. 21. Petrl & Wtr Div, MMC, COSCOM/TAACOM. 22. CI III & Wtr Br, MMC (Split-Ops) COSCOM. 23. ROWPU Sec & Rec/Store/ Issue Sec, 193rd Spt Bn. 24. CI I & Wtr Sec, Spt Sqdrn 11th ACR.
7	WATER TRMT NCO	77W4O	SFC											1. Wtr Purif Pt, QM Wtr Purif Det (30000GPH). 2. Wtr Purif Tm, QM Wtr Purif Det (12000GPH). 3. Wtr Sec, QM Sup Co. 4. Wtr Sec, Hq & Sup Co, MSB, Aslt/LID/Abn. 5. Sup Sec and Distr Sec, QM Wtr Sup Co. 6. Barge Wtr Tm, QM Wtr Purif Det (Barge). 7. Wtr Sec, Sup Co, MSB. 8. Hot/Arid Env Wtr Sec, QM Hot/Arid Env Wtr Tm. 9. Wtr Sec, QM S&T Co, Spt Bn SIB.

**Table 10-77W-2  
Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
															10. POL & Wtr Br, HHC Army Svc Comp Cmd. 11. CI III & Wtr Sup Br, DISCOM Hvy Div. 12. Wtr Sec, QM Sup Co, FSB Hvy Div. 13. CI I & Wtr Br, HHC DISCOM Aslt Div. 14. CI I, III and Bulk Wtr Br, HHC DISCOM LID. 15. CI I & Wtr Br, HHC DISCOM Abn Div. 16. Trp Spt Br, COSCOM. 17. Wtr Mgmt Div, MMC TA. 18. ROWPU Sec, 193rd Spt Bn. 19. Wtr Sec, Main Spt Co, SOSB. 20. Tac Wtr Distr Tm, QM Tac Wtr Distr (Hoseline). Second position graded SSG. 21. Water Plan/Req/Dist Br, HHC PetrI Gp. 22. CI III Sec, HHC Spt Bn, SIB.
8 DETACHMENT SER-GEANT	77W4O	SFC													Detachment consisting of less than 75 soldiers.
9 PLATOON SERGEANT	77W4O	SFC													Principal NCO of a platoon engaged in water sup, Trmt or distr.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-77W-3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 WATER TRMT SP	77W1O	PFC			1	1	2	2	2	3	3	3			Grades of additional positions will be in same pattern.
2 WATER TRMT SP	77W1O	SPC	1	1	1	2	2	3	3	3	4	4			
3 WATER TRMT SGT	77W2O	SGT	1	1	1	1	1	2	2	2	3				
4 WATER TRMT NCO	77W4O	SFC													1. Corps CSS Bde, Hq HHC (Aug). 2. CI III & Wtr Br, 296th FSB (Aug).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-79R-1  
Physical requirements**

Skill level	Task numbers	Tasks
3	1, 2, 3, 4, 5	1. Occasionally stands or sits for a period of 8 hours duration.
4	1, 2, 3, 4, 5	2. Must possess manual dexterity in both hands.
5	1, 2, 3, 4, 5	3. Frequently reviews documents and records/correspondence. 4. Frequently engages in verbal conversation. 5. Must not possess obviously distracting physical characteristics or mannerisms.

**Table 10-79R-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
NO ACTION REQUIRED													

**Table 10-79R-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	Recruiter	79R3O	SSG	Recruiting (Rctng) Station of Rctng Company.
2	Station commander	79R3O	SSG	Principal NCO in a Rctng Sta of Rctng Co supervising two or less recruiters including detailed recruiters graded SGT.
3	Exhibit team NCO	79R3O	SSG	Rctng exhibit team of Rctng Spt Cmd. Second position also graded SSG.
4	Exhibit team chief	79R4O	SFC	Principal NCO in exhibit team of Rctng Spt Cmd.
5	Recruiter	79R4O	SFC	1. Subsequent positions also graded SFC. 2. Nursing Rctng Sta of Rctng Co. 3. Rctng Ops Dir of Hq USAREC. 4. Rctng Ops Div of Hq USAREC and RTC Europe and Puerto Rico.
6	Guidance counselor	79R4OV7	SFC	Guidance Counselor Sec of MEPS. Subsequent positions also graded SFC.
7	Training NCO	79R4O	SFC	1. Ops Div of Rctng Bn. 2. Tng Tm w/in Tng Br of Rctng Bde. Grade as second tng position.
8	Operations NCO	79R4O	SFC	1. Div of Hq USAREC and in Market Analysis Br of Rctng Bde. 2. Second position when principal Ops NCO position is graded MSG in: a. Ops Br of Rctng and Retn (Retn) Sch. b. Dir of Hq USAREC. c. Ops Div of Rctng Bn and Rctng Bde.
9	Liaison NCO	79R4O	SFC	Second position in CONUS Recep Sta.
10	Rctng mgmt NCO	79R4O	SFC	JOIN Tng Br of Hq USAREC.
11	Senior tng dev/wrtr	79R4O	SFC	1. Use with SQI 2. 2. Rctng Dept of Rctng and Retn Sch. Subsequent Tng Dev/Wrtr NCO also graded SFC. Use with SQI 2.
12	Senior instr/wrtr	79R4O	SFC	1. Use with SQI H. 2. Rctng Dept of Rctng and Retn Sch. Subsequent Inst/Wrtr also graded SFC. Use with SQI H.
13	Selection NCO	79R4O	SFC	Pers Dir of Hq USAREC.
14	Station commander	79R4O	SFC	Principal NCO in: a. Rctng Sta of Rctng Co supervising three or more recruiters including detailed recruiters. b. Nurse Rctng Sta of Rctng Co. c. Rctng Sta with USAR recruiters assigned.
15	Sr operations NCO	79R5O	MSG	Principal NCO in: a. Ops Div of Rctng Spt Cmd. b. Ops Br of Rctng and Retn Sch, Rctng Bde and Rctng Bn. c. Plans & Policy, Market Mission and Nurse Div, in Enl Stnds and Rctng Ops Dir, and in JOIN Tng and Enl (MOS Seat) Mgmt Br of Hq USAREC.
16	Sr liaison NCO	79R5O	MSG	Principal NCO in: a. Special Forces Rctng. b. CONUS Recep Sta. c. Rctng and Retn School.
17	Sr management NCO	79R5O	MSG	Principal NCO in each Dir of Hq USAREC.
18	Senior training NCO	79R5O	MSG	Principal NCO in: a. Ops Div of Rctng Bn. b. Tng Br of Rctng Bde.
19	Sr guidance cnslr	79R5OV7	MSG	Principal NCO in Guidance Counselor Sec of MEPS.
20	Special programs NCO	79R5O	MSG	Principal NCO in Rctng Ops Div of Div of USAREC.
21	Chief tng dev/wrtr	79R5O	MSG	1. Use with SQI 2. 2. Principal NCO in Rctng Tng Dept of Rctng and Retn Sch. Use with SQI 2.

**Table 10-79R-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
22	Chief instr/wrtr	79R5O	MSG	1. Use with SQI H. 2. Principal NCO Instr in Basic and Advance Crs in Rctng Tng Div of Rctng Dept of Rctng and Retn Sch. Use with SQI H.
23	First sergeant	79R5M	1SG	Principal NCO is USAREC Rctng Co and Rctng and Retn Sch, USASSI.
24	Chief enl recruiter	79R5O	SGM	Principal NCO in Rctng Dept of Rctng and Retn Sch.
25	Chief recruiting NCO	79R5O	SGM	Principal NCO in a. ODCSPER of HQDA. b. Hq of USAREC. c. Hq of U.S. Army Rctng Spt Cmd. d. Rctng Div in HHC of Rctng Bde. e. Hq of Rctng and Retn Sch. f. HHC of Rctng Bn.

**U.S. Army Reserve (USAR) Recruiter**

26	Recruiter	79R4O	SFC	1. Rctng Sta of Rctng Co. 2. Nurse Rctng Sta and Co Hq.
27	Guidance counselor	79R4OV7	SFC	Guidance Counselor Sec of MEPS.
28	Operations NCO	79R4O	SFC	1. Info Data Br of Hq USAREC. 2. As second Ops position in Dir or Div of Hq USAREC.
29	Liaison NCO	79R4O	SFC	CONUS Reception Sta, Active Duty Tng Ctr and OCAR.
30	Management NCO	79R4O	SFC	Tng Dir of Hq USAREC.
31	Senior tng dev/wrtr	79R4O	SFC	1. Use with SQI 2. 2. Rctng Dept of Rctng and Retn Sch. Use with SQI 2.
32	Senior instr/wrtr	79R4O	SFC	1. Use with SQI H. 2. Rctng Dept of Rctng and Retn Sch. Use with SQI H.
33	Sr operations NCO	79R5O	MSG	Principal Ops NCO in: a. Ops Div of Rctng Bn. b. Opns Br of Rctng Bde. c. Dir and/or Br Hq USAREC.
34	Sr management NCO	79R5O	MSG	Tng Dir of Hq USAREC.
35	Sr training NCO	79R5O	MSG	Principal Tng NCO in Tng Br of Rctng Bde.
36	Ch operations NCO	79R5O	SGM	Principal Ops NCO in: a. Reserve Affairs Dir of Hq USAREC. b. Rctng Bde.

**Table 10-79S-1  
Physical requirements**

Skill level	Task numbers	Tasks
3	1, 2, 3, 4, 5	1. Occasionally stands or sits for a period of 8 hours duration.
4	1, 2, 3, 4, 5	2. Must possess manual dexterity in both hands.
5	1, 2, 3, 4, 5	3. Frequently reviews documents and records/correspondence. 4. Frequently engages in verbal conversation. 5. Must not possess obviously distracting physical characteristics or mannerisms.

**Table 10-79S-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	CAREER COUNSELOR	79S30	SSG	Battalion/Squadron with 750 or less soldiers assigned.
2	CAREER COUNSELOR	79S40	SFC	1. Battalion with 750 or more soldiers. 2. EVAC/MASH Hospital. 3. Battalion w/o Bde Hq. 4. Finance Bde. 5. Gp.
3	OPERATIONS NCO	79S40	SFC	1. Support of installation with Sr career counselor. 2. MACOM.
4	SR CAREER COUNSELOR	79S50	MSG	1. Bde/Regiment. 2. DISCOM. 3. DIVARTY. 4. Medical Cmd. 5. Installation w/o Division and less than 10,500 soldiers. 6. Special Forces Cmd. 7. Special Ops Cmd.
5	OPERATIONS NCO	79S50	MSG	Support of Hq of MACOM, Corps, Div, or other command with Cmd career counselor.
6	CMD CAREER COUNSELOR	79S50	SGM	Principal NCO in Hq of: a. MACOM. b. Corps. c. Division/USASC. d. U.S. Army Alaska. e. INSCOM/TAACOM. f. Installation w/o Division and more than 10,500 soldiers.

Notes:

1. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-79S-3**  
**Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	CAREER COUNSELOR	79S30	SSG	Support of 250 to 750 soldiers.
2	CAREER COUNSELOR	79S40	SFC	1. Support of 750 or more soldiers. 2. Principal NCO in: a. Recruiting or Training Bde. b. MEDCEN/MTMC/CIDC. c. Bn w/o Bde Hq. d. Gp.
3	SR INSTR/WRTR	79S4H4R	SFC	Retn Sch. Subsequent positions also graded SFC.
4	SR TNG DEV/WRTR	79S424R	SFC	Retn School.
5	OPERATIONS NCO	79S40	SFC	1. Ops Br of Retn School. 2. MACOM. 3. Support of USAG/Instl with Sr career counselor. 4. PERSCOM. Second position also graded SFC.
6	CHIEF TNG DEV/WRTR	79S524R	MSG	Retn School.
7	SR CAREER COUNSELOR	79S50	MSG	1. USAG/Instl w/o tenant Div and less than 10,500 soldiers. 2. Hq USAREC/USMA. 3. Hq USARSO. 4. Bde/MEDCEN.
8	OPERATIONS NCO	79S50	MSG	1. PERSCOM. Subsequent positions also graded MSG. 2. Support of commands where principal NCO is graded SGM. 3. ODCSPER, HQDA.
9	CAREER ADVISOR	79S50		PERSCOM.
10	CHIEF INSTR/WRTR	79S5H4R	MSG	Retn School.

**Table 10-79S-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
11	CMD CAREER COUNSELOR	79S50	SGM	1. Retn School (use w/SQI H). 2. PERSCOM RMB. 3. MACOM Hq. 4. Installation with over 10,500 soldiers. 5. Fts Benning, Knox, Sill, Bliss.
12	SR CAREER COUNSELOR	79S50	SGM	ODCSPER, HQDA.
<b>U.S. ARMY RESERVE</b>				
13	CAREER COUNSELOR	79S30	SSG	GOCOM/ARCOM/MUSARC with 500 or more soldiers.
14	CAREER COUNSELOR	79S40 79S404R	SFC	1. Counselor for installation with more than 3,000 soldiers. 2. Hq of GOCOM/ARCOM/MUSARC. 3. Active Army Training Activity.
15	OPERATIONS NCO	79S404R	SFC	PERSCOM.
16	SENIOR DEV/WRTR	79S424R	SFC	1. Retn School. 2. USAR Training Center.
17	OPERATIONS NCO	79S504R	MSG	1. MACOM, Corps, Division or Installation when senior counselor is graded SGM. 2. PERSCOM RC Branch.
18	SR CAREER COUNSELOR	79S50	MSG	1. Hq of GOCOM/MUSARC Hq. 2. CONUS Army, USAREC and MACOM when senior counselor is graded SGM. 3. Active Army Training Activity.
19	CH TNG DEV/WRTR	79S52	MSG	1. Retn School. 2. PERSCOM.
20	SR CAREER COUNSELOR	79S504R	MSG	Active Army Installation w/o tenant Division serving 3,000-10,000 soldiers.
21	CH COUNSELOR/LIAISON	79S50	SGM	1. Principal liaison NCO in Training activity. 2. Hq FORSCOM/CONUSA/USARC/TRADOC/USARPAC. 3. GOCOM/MUSARC w/8,000 or more soldiers. 4. Retn School.
22	CMD CAREER COUNSELOR	79S504R	SGM	1. MACOM/Corps/Div or installation with 10,000 or more soldiers. 2. PERSCOM.

Notes:

<sup>1</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-79T-1  
Physical requirements**

Skill level	Task numbers	Tasks
4	1, 2, 3, 4, 5	1. Occasionally stands or sits for a period of 8 hours duration. 2. Must possess manual dexterity in both hands. 3. Frequently reviews documents and records/correspondence. 4. Frequently engages in verbal conversation. 5. Must not possess obviously distracting physical characteristics or mannerisms.
5	1, 2, 3, 4, 5	

**Table 10-79T-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
NO ACTION REQUIRED														

**Table 10–79T–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	Rctr and retn NCO	79T4O	SFC	State, Commonwealth, District or Territory Recruiting and Retention Force (RRF). Subsequent positions also graded SFC.
2	Guidance counselor	79T4OV7	SFC	Military Entrance Processing Station (MEPS). Subsequent positions also graded SFC.
3	Marketing NCO	79T4O	SFC	State, Commonwealth, District or Territory RRF. Subsequent positions also graded SFC.
4	Operations NCO	79T4O 79T4O4R	SFC	1. Strength Maintenance Training Center (SMTC) at National Guard Professional Education Center (NG-PEC). Subsequent positions also graded SFC. 2. Retn Mgmt Div of U.S. Total Army Personnel Command. Use with ASI 4R. Subsequent positions also graded SFC.
5	RCT/IST coordinator	79T4O	SFC	State, Commonwealth, District or Territory RRF. Subsequent positions also graded SFC.
6	Rctr and retn tng NCO	79T4O	SFC	State, Commonwealth, District or Territory RRF. Subsequent positions also graded SFC.
7	Instructor/writer	79T4O 79T4O4R	SFC	1. Use with SQI H. 2. SMTC at NG-PEC. Subsequent positions also graded SFC. 3. RRS Transition NCO course at Ft Jackson, SC. Subsequent positions also graded SFC.
8	Training dev/writer	79T4O 79T4O4R	SFC	1. Use with SQI 2. 2. SMTC at NG-PEC. Subsequent positions also graded SFC. 3. RRS Transition NCO Course at Ft Jackson, SC. Subsequent positions also graded SFC.
9	Liaison NCO	79T4O	SFC	Third liaison NCO position in Active Army (AA) Training Activity.
10	Transition NCO	79T4O4R	SFC	Retn Mgmt Div of U.S. Total Army Personnel Command to support Active Army Install, MACOM or Orgn serving less than 3,000 soldiers, or when principal NCO position is graded MSG. Subsequent positions also graded SFC.
11	Area rctr and retn NCO	79T5O	MSG	Rctr and retn area, sector, zone or district of State, Commonwealth, District or Territory RRF. Subsequent positions also graded MSG.
12	Sr marketing NCO	79T5O	MSG	1. Advertising Branch, NGB. Subsequent positions also graded MSG. 2. Principal Strength Maintenance NCO in State, Commonwealth, District or Territory RRF.
13	Sr operations NCO	79T5O	MSG	1. Principal Operations NCO, NGB. Subsequent positions also graded MSG. 2. Resource Mgmt Sec, at SMTC NG-PEC. 3. Rctr and Retn Div, NGB. 4. Gains/Arads Lno operations.
14	Sr guidance counselor	79T5OV7	MSG	1. Principal NCO in MEPS. 2. ARNG Recruiting Operations Center, NGB. Subsequent positions also graded MSG. 3. DA-PERSCOM, Accession Management Branch. 4. One per state without a MEPS.
15	Sr instructor/writer	79T5O	MSG	1. Use with SQI H. 2. SMTC, NG-PEC. Second thru eighth position also graded MSG.
16	Sr training dev/writer	79T5O	MSG	1. Use with SQI 2. 2. SMTC, NG-PEC. Second position also graded MSG.
17	Sr liaison NCO	79T5O	MSG	As second and fourth Liaison NCO position in AA training activity.
18	Sr transition NCO	79T5O4R	MSG	Principal NCO in PERSCOM to support: a. AA installation or Orgn serving 3,000 to 10,000 soldiers w/o tenant Div. b. MACOM serving 3,000 to 10,000 soldiers.
19	First sergeant	79T5M	1SG	SMTC NCOA.
20	Ch instructor/writer	79T5O	SGM	Principal NCO in training branch, at SMTC NG-PEC. Use with SQI H.
21	Ch attrition mgmt NCO	79T5O	SGM	1. Principal NCO in State, Commonwealth, District or Territory RRF for attrition and related retention activities. 2. Principal NCO at NGB for attrition and related retention activities.
22	Ch accession NCO	79T5O	SGM	1. Principal NCO in State, Commonwealth, District or Territory RRF for accessions and related recruiting activities. 2. Principal NCO at NGB for accessions and related recruiting activities.
23	Cmd transition NCO	79T5O4R	SGM	Principal NCO at PERSCOM to support: a. AA Div, Corps, 19th and 21st TAACOM. b. MACOM serving more than 10,000 soldiers. c. Install or orgn serving more than 10,000 soldiers w/o tenant AA Div. d. CONUS Transition Center. e. Retn Mgmt Div, RC Trans Br and Programs Br, PERSCOM.
24	Ch MEPS liaison NCO	79T5OV7	SGM	Principal NCO at MEPCOM.

**Table 10-79T-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Explanatory notes
25	Ch liaison NCO	79T5O	SGM	Principal Liaison NCO in AA Training Activity.
26	Ch marketing NCO	79T5O	SGM	Principal NCO in Advertising Branch, NGB.
27	Transition policy NCO	79T5O4R	SGM	HQDA, ODCSPER.

Notes:

<sup>1</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-81L-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3,4	1. Occasionally lifts, carries and lowers 75 pounds for 5 feet.
2	1, 2, 3, 4	2. Occasionally pushes and pulls 75 pounds up to 50 feet.
3	1, 2, 3, 4	3. Frequently lifts, carries and lowers 50 pounds.
4	4	4. Must possess finger dexterity in both hands.

**Table 10-81L-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	LITHOGRAPHER	81L1O	PFC	1	1	1	2	2	3	3	4	4	4	1. Additional positions will be in same pattern. 2. Grading pattern will be applied to all positions not supported by any other grading pattern in this table.
2	LITHOGRAPHER	81L1O	SPC	1	1	1	2	2	3	3	4	4	4	
3	LITHOGRAPHIC SGT	81L2O	SGT		1	1	1	1	1	1	1	1	2	
4	LITHOGRAPHER	81L1O	PFC		1	1	1	1						Light Print Team PSYOP EPW Co, PSYOP EPW Bn.
5	LITHOGRAPHER	81L1O	SPC	1	1	1	2	2	3					
6	LITHOGRAPHIC SGT	81L2O	SGT	1	1	1	2	2						
7	VEHICLE DRIVER	81L1O	PFC											
8	LITHO EQUIP REPAIRER	81L2OJ6	SGT											1. Printing Sqd, Topo Engr Co. 2. Tech Maint Team. Subsequent positions also graded SGT. 3. Interm Main (second position also graded SGT)/Press Sec, PSYOP Strat Dissem Co. 4. Light Print Sec, PSYOP Tactical Co. 5. Co Hq/Print Spt/Press Sec, Print Co, PSYOP Dissem Bn. 6. Light Prt Team, PSYOP EPW Co, PSYOP EPW Bn. 7. Direct Support/Press Sec, PSYOP Opnl Spt Co.
9	LITHOGRAPHIC SGT	81L2O	SGT											Av/Repro Sec, Ft Monmouth.
10	LITHOGRAPHIC OPS SGT	81L2O	SGT											1. Operations/S3 Sec, Topo Engr Co/Bn. 2. Co Hq, Print Co, PSYOP Dissem Bn.
11	LITHOGRAPHIC OPS SGT	81L3O 81L3O2S	SSG											Press Sec, PSYOP Strat Dissem Co ("A" version TOE only).
12	SECTION LEADER	81L3O	SSG											1. Repro Team, Sig Det (Repro Services). 2. Photolitho/Press (one SSG only per paragraph)/Bindery Sec, PSYOP Strat Dissem Co. 3. Light Print Team, PSYOP EPW Co. 4. Photolitho/Press/Bindery/ Print Support Sec, Print Co/ PSYOP Dissem Bn. 5. Direct Support/Press Section, PSYOP Opnl Spt Co. 6. Light Print Sec, PSYOP Tactical Co.
13	SQUAD LEADER	81L3O	SSG											Graphics Support/Printing Sqd, Topo Engr Co.
14	PLATOON SERGEANT	81L4O	SFC											Principal NCO in a platoon.

**Table 10-81L-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
15	LITHOGRAPHIC OPS SGT	81L40 81L4O2S	SFC													1. Topo Planning/Control Team. 2. Planning/Control Team, Topo Plan/Control Sec. 3. Tech Control Sec, Engr Co.
16	SR LITHOGRAPHER SGT	81L40	SFC													1. Press Sec, PSYOP Strat Dissem Co. 2. XVIII Corps, Co Topo. 3. TAC Print Ctr Hq, Print Co, PSYOP Dissem Bn. 4. Print Ctr Hq, PSYOP Opnl Spt Co. Second position also graded SFC.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-81L-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	LITHOGRAPHER	81L10	PFC	1	1	1	2	2	3	3	4	4				Grades of additional positions will be in same pattern.
2	LITHOGRAPHER	81L10	SPC	1	1	1	2	2	3	3	4	4				
3	LITHOGRAPHIC SGT	81L20	SGT		1	1	1	1	1	1	1	1	2			
4	LITHOGRAPHIC SGT	81L20	SGT													1. Pub Sec, U.S. Army Element Intelligence Support Center, Pacific. 2. Graphics Arts Sec, U.S. Army Elm Allied Forces Southern Europe/AFSOUTH. 3. Admin Secretariat, U.S. Army Elm Land Central Europe. 4. Reproduction Sec, U.S. Army SHAPE. 5. Print & Dup Div, USA Elm Def Acquisition Univ. 6. Printing Sec, U.S. Army Elm Ofc of the Joint Chiefs of Staff. 7. S1 Resource Mgt & Adm, 1111th U.S. Army Signal Bn. 8. U.S. Army Element Jt Analysis Center (Molesworth).
5	LITHOGRAPHIC SGT	81L30	SSG													Printing Sec, U.S. Army Elm Ofc of the Joint Chiefs of Staff.
6	SR LITHO PROD SGT	81L30	SSG													1. Graphic Arts & Rep, WHCA. Second position graded SGT. 2. Printing Sec, U.S. Army Elm Ofc of the Joint Chiefs of Staff.
7	SR LITHOGRAPHIC SGT	81L40	SFC													Printing Sec, U.S. Army Elm Ofc of the Joint Chiefs of Staff.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-81T-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1,2	1. Occasionally lifts, carries and lowers 334 pounds with 6 soldiers (prorated at 56 pounds per soldier). 2. Must possess finger dexterity in both hands.
2	1,2	
3	1,2	
4	1,2	

**Table 10–81T–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	TOPOGRAPHIC ANALYST	81T10	PFC			1	1	1	2	2	2	2	3		1. Grades of additional positions will be in same pattern. 2. Grading pattern will be applied to all positions not supported by any other grading pattern in this table.
2	TOPOGRAPHIC ANALYST	81T10	SPC	1	1	1	2	3	3	3	4	4	4		
3	TOPOGRAPHIC SGT	81T20	SGT	1	1	1	1	1	2	2	3	3			
4	TOPOGRAPHIC ANALYST	81T10	PFC	1	1	1	2	2							1. Grades of additional positions will be in same pattern. 2. Terrain Anal Sqd, Terrain Anal Tm, Tm LN. 3. Terr Anal Sqd, Topo Engr Co (SGT position titled Section Leader).
5	TOPOGRAPHIC ANALYST	81T10	SPC			1	1	2							
6	TOPOGRAPHIC SGT	81T20	SGT	1	1	1	1								
7	VEHICLE DRIVER	81T10	PFC												
8	SQUAD LEADER	81T30	SSG												1. Terrain Analysis Sqd (except in EAC & Corps Topo Co. See lines 4-6). 2. Photomapping Sqd, Topo Engr Co.
9	SR TOPO ANALYST	81T30 81T3O2S	SSG												1. Operations/S3 Sec, Topo Co/Topo Bn. 2. Topo Planning/Ctrl Tm.
10	PLATOON SERGEANT	81T40	SFC												Principal NCO in a platoon.
11	SR TOPOGRAPHIC SGT	81T40 81T4O2S	SFC												1. Operations/S3 Sec, Topo Bn. 2. Dir Spt Sec, Terrain Analysis Team. 3. Terrain Dir Spt Cmd & Ctrl Sec, Terrain Dir Spt Element. 4. ACofS, Intel Sec, Engr Cmd. 5. Terrain Anal DS Con Sec, Topo Engr Co (Corps). 6. Cmd & Ctrl Hq, Cmd & Ctrl Tm. 7. Tech Control Sec, Engr Co.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–81T–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	TOPOGRAPHIC ANALYST	81T10	SPC			1	1								1. Grades of additional positions will be in same pattern. 2. Staff Eng Sec, I Corps HHC Aug.
2	TOPOGRAPHIC SGT	81T20	SGT	1	1	1									
3	SR TOPO ANALYST	81T30	SSG			1									
4	TOPOGRAPHIC SGT	81T20	SGT	1	2	3	4								USA Topographic Engineering Ctr.
5	SR TOPO ANALYST	81T30	SSG	1	1	1	1	1							
6	SR TOPO ANALYST	81T30	SSG												Attack Operations Cell (Gale Wrksta), USA Space Command. Second position graded SGT and titled Topographic SGT.
7	SR TOPOGRAPHIC SGT	81T40	SFC												1. USA Elm SOP Jt Intel Ctr, MacDill AFB. 2. S3 Sec, USAG, Hawaii. 3. Terrain C2, U.S. Army National Assistance Planning Activity. 4. Assessments Br, U.S. Army Element Joint Analysis Center Molesworth.
8	PLATOON SERGEANT	81T40	SFC												Principal NCO in a platoon.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–81Z–1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1	1. Occasionally lifts and carries 20 pounds.

**Table 10–81Z–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	FIRST SERGEANT	81Z5M	1SG	Principal NCO in company.
2	TOPOGRAPHIC OPS SGT	81Z5O 81Z5O2S	MSG	1. Operations/S3 Sec, Topo Bn. 2. Topo Planning & Control Team.
3	TOPOGRAPHIC IN-TEL SGT	81Z5O 81Z5O2S	SG	S2 Sec, Topo Bn.

Notes:

<sup>1</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MACs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–81Z–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	TOPOGRAPHIC OPS SGT	81Z5O	MSG	1. Korea Map Issue Point, EUSA Special Troops Command. 2. Admin Secretariat/Geographic Br, U.S. Army Elm Land Central Europe. 3. ARRC/FST, U.S. Army Elm Allied Forces Central Europe Hq.
2	FIRST SERGEANT	81Z5M	1SG	Principal NCO in company.

Notes:

<sup>1</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents to support additional manpower grading requirements.

**Table 10–82C–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 4, 5, 6, 7	1. Occasionally lifts 100 pounds 1 meter and carries 300 meters.
2	1, 2, 4, 5, 6, 7	2. Frequently lifts 50 pounds 1 meter and carries 10 meters.
3	1, 3, 4, 5, 6	3. Frequently lifts 63 pounds 1 meter and carries 10 meters.
4	3, 4, 5	4. Must possess normal color vision. 5. Must possess finger dexterity in both hands. 6. Frequently reads complex schematic diagrams. 7. Must be able to hear a wide range of human voice tones.

**Table 10–82C–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<b>Conventional Survey Section</b>														
1	FA SURVEYOR	82C1O	PFC	1	1	1	1	2	3				1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other lines.	
2	FA SURVEYOR	82C1O	SPC		1	2	2	2						
3	SURVEY COMPUTER	82C2O	SGT	1	1	1	1	1						
<b>PADS Survey Party</b>														
4	PADS VEH DRIVER	82C1O	SPC		1	1	2							
5	PADS TEAM CHIEF	82C2O	SGT	1	1	2	2							
<b>Survey Planning and Coordination Element</b>														
6	FA SURVEYOR	82C1O	PFC		1	1	1						Survey Plan/Coord Elm, Corps Arty, DIVARTY, FA Bde, and MLRS Bn.	
7	FA SURVEYOR	82C1O	SPC			1	2							
8	SURVEY COMPUTER	82C2O	SGT	1	1	1	1							
9	CHIEF SURVEYOR	82C4O	SFC	1	1	1	1	1						
10	FA SURVEYOR	82C1O	PFC										Light vehicle driver.	
11	CHIEF OF PARTY	82C3O	SSG										1. Conventional FA Survey Section. 2. HHB FA Bn, HHS MLRS Bn. 3. HHB, ADA Bn Patriot.	
12	CHIEF SURVEYOR	82C4O	SFC										1. Survey Plt Hq Tgt acq btry hvy div. 2. TAB, MLRS Bn. 3. Survey Plan/Coord Elm, Corps arty, ASSLT, ABN, LID DIVARTY and FA Bde. 4. SIB (105mm) DS FA Bn (National Guard only). 5. Sep Bde (National Guard MTOE only).	

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–82C–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<b>Conventional Survey Section</b>														
1	FA surveyor	82C1O	PFC		1	1	2	3					Grades of additional positions will be in same pattern.	
2	FA surveyor	82C1O	SPC		1	1	2	2	2					
3	FA surveyor	82C2O	SGT	1	1	1	1	1	1					
<b>PADS Survey Party</b>														
4	PADS veh driver	82C1O	PFC				1							
5	PADS veh driver	82C1O	SPC		1	1	1							
6	Chief of PADS party	82C2O	SGT	1	1	2	2							
7	Section Chief	82C3O	SSG										Conventional FA Survey Section.	
8	Chief surveyor	82C4O	SFC										RG Surv, USA FA Ctr, Ft Sill.	

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–82D–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Frequently lifts, carries and lowers 40 pounds.
2	1, 2, 3, 4	2. Occasionally pushes and pulls 50 pounds.
3	1, 2, 3, 4	3. Must possess normal color vision.
4	3, 4	4. Must possess finger dexterity in both hands.

**Table 10–82D–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	RODMAN/TAPEMAN	82D1O	PFC	1	1	1	2	2	2							Grades of additional positions will be in same pattern.
2	TOPOGRAPHIC SURVEYOR	82D1O	SPC	1	1	1	2	2	2	3						
3	TOPOGRAPHIC SURVEY SGT	82D2O	SGT		1	1	1	2	2							
4	SURVEY OPS SGT	82D2O	SGT													Operations/S3 Sec, Topo Engr Co/Bn.
5	SQUAD LEADER	82D3O	SSG													Topographic Survey Squad.
6	SENIOR TOPO SURVEY SGT	82D4O 82D4O2S	SFC													1. Topo Planning & Control Team. 2. ACofS, Intel Sec, HHC Engr Cmd.
7	SECTION LEADER	82D4O	SFC													Survey Sec, Topo Co (EAC) or Topo Co (Corps).

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–82D–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	RODMAN/TAPEMAN	82D1O	PFC			1	1	2								Grades of additional positions will be in same pattern.
2	TOPOGRAPHIC SURVEYOR	82D1O	SPC			1	1	2	2							
3	TOPOGRAPHIC SURVEY SGT	82D2O	SGT		1	1	1	1	1							
4	SENIOR TOPO SURVEY SGT	82D3O	SSG													Geodetic Surveys Division, U.S. Army Element Defense Mapping Agency Aerospace Center.
5	OPERATIONS NCO	82D4O	SFC													Geodetic Surveys Division, U.S. Army Element Defense Mapping Agency Aerospace Center.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.</taabnote>

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–88H–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts 530 pounds and carries 6 feet as part of a 4 soldier team (prorated 143 pounds per soldier).
2	1, 2, 3, 4, 5	2. Frequently lifts and carries 140 pounds as part of a 2 soldier team (prorated 70 pounds).
3	3, 4, 5	3. Must possess red/green color discrimination.
4	3, 4, 5	4. Must possess hand/eye coordination. 5. Must possess finger dexterity in both hands.

**Table 10–88H–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	CARGO CHECKER/ HANDLER	88H1O	PFC	1	1	2	2	3	3	4	4	5	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other lines.	
2	CARGO CHECKER/ HANDLER	88H1O	SPC	1	1	2	2	3	3	4	4	5		

**Rough Terrain Forklift Operator 10,000 lbs**

3	RT FORKLIFT OPR	88H1O	PFC	1	1	2	2	2	3	3	3	4	
4	RT FORKLIFT OPR	88H1O	SPC	1	1	1	1	2	2	2	3	4	4
5	SENIOR FORKLIFT OPR	88H2O	SGT	1	1	1	2	2	2	2	2	2	2

**Terminal Crane Operations**

6	CRANE OPERATOR	88H1O	PFC	1	2	2	2	2	2	3	3	3	
7	CRANE OPERATOR	88H1O	SPC	1	1	1	1	2	2	3	3	3	
8	SR CRANE OPERATOR	88H2O	SGT	1	1	1	1	2	2	3	3	3	4

**Rough Terrain Container Handler Operations 50,000 lbs**

9	CON HDLR FRONT LDR OPR	88H1OB1	PFC	1	2	2	2	2	2	2	3		
10	CON HDLR FRONT LDR OPR	88H1OB1	SPC	1	1	1	1	1	2	2	3	3	
11	CONTAINER HANDLER	88H2OB1	SGT	1	1	1	1	2	3	3	4	4	4
12	WINCH OPR/SIGNAL- MAN	88H1O	SPC										Hatch Sec, Tml Svc Co. Subsequent positions also graded SPC.
13	CARGO CHECKER	88H2O	SGT										Cgo Checking Sec, Hatch Sec and Yard Sec of Tml Svc Co. (Subsequent positions also graded SGT).
14	HATCH FOREMAN	88H3O	SSG										1. Ops Sec, Hvy Crane Plt. 2. Hatch Sec, Tml Svc Co.
15	SECTION CHIEF	88H3O	SSG										1. Yard Sec, Hatch Sec, Cargo Handling Sec and Cargo Checking Sec, Tml Svc Co. 2. Ops Sec, Hvy Crane Plt. 3. Cargo Ops Sec, Trans Cargo Transfer Co. 4. Cargo Trf Sqd and Cargo Equip Trf Sec, Tml Transfer Co.
16	ASST PLATOON SER- GEANT	88H3O	SSG										1. Shore and Ship Plt, Tml Svc Co (Cntr/BB). 2. Hvy Crane Plt Hq (operating two or more shifts).
17	ASST OPS SGT	88H3O	SSG										S2/S3 Trans Tml Bn.
18	CARGO GEAR EQUIP SGT	88H3O	SSG										1. Cargo Handling Sec, Tml Svc Co. 2. Cgo Trf Plt Hq, Trans Cgo Trf Co. 3. Tml Trf Plt Hq, Trans Tml Trf Co.
19	PLATOON SERGEANT	88H4O	SFC										Principal NCO of a transportation platoon.
20	DETACHMENT SER- GEANT	88H4O	SFC										Principal NCO of a transportation detachment.

**Table 10–88H–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
21	OPERATIONS SER-GEANT	88H4O	SFC													1. Trans Support Br, COSCOM. 2. S2/S3: a. Trans Tml Gp. b. Trans Composite Gp. Second position also graded SFC. 3. S2/S3, Scty Plns and Ops Br and Tml Ops Br, Trans Tml Bn. 4. ACoS Movements, TRANSCOM. 5. ACoS Pers and Admin and Acofs Trans Ops, HHC Trans Bde, COSCOM. 6. Ops Sec, Hvy Crane Plt.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–88H–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	CARGO CHECKER/HANDLER	88H1O	PFC	1	1	2	2	3	3	4	4	5				1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other lines.
2	CARGO CHECKER/HANDLER	88H1O	SPC	1	1	2	2	3	3	4	4	5				

**Rough Terrain Forklift Operator 10,000 lbs**

3	RT FORKLIFT OPR	88H1O	PFC	1	1	2	2	2	3	3	3	4				
4	RT FORKLIFT OPR	88H1O	SPC	1	1	1	1	2	2	2	3	4	4			
5	SENIOR FORKLIFT OPR	88H2O	SGT		1	1	1	2	2	2	2	2				

**Terminal Crane Operations**

6	CRANE OPERATOR	88H1O	PFC			1	2	2	2	2	2	3	3			
7	CRANE OPERATOR	88H1O	SPC		1	1	1	1	2	2	3	3	3			
8	SR CRANE OPERATOR	88H2O	SGT	1	1	1	1	2	2	3	3	3	4			

**Rough Terrain Container Handler Operations 50,000 lbs**

9	CON HDLR FRONT LDR OPR	88H1OB1	PFC			1	2	2	2	2	2	2	3			
10	CON HDLR FRONT LDR OPR	88H1OB1	SPC		1	1	1	1	1	2	2	3	3			
11	CONTAINER HANDLER	88H2OB1	SGT	1	1	1	1	2	3	3	4	4	4			
12	CARGO CHECKER	88H2O	SGT													1. Natl Science Foundation, USA Support Outside DoD Acty. 2. Anal/Eval Rept Div, USA Elm Joint Test Acty. 3. Vessel Ops Sec, Ops Div, MTMC USAR Trans Terminal Unit.
13	CARGO GEAR EQUIP SGT	88H3O	SSG													1. Intransit Warehouse Br, MTMC Tml Pusan. 2. MTMC, SWA Detachment.
14	CARGO GEAR EQUIP FMAN	88H4O	SFC													1. Ofc of the Cdr, Istanbul Det and Iskend Det, MTMC Trans Terminal Unit Turkey. 2. Ops Div, MTMC USAR Trans Terminal Unit.

**Table 10–88H–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
15	OPERATIONS SER-GEANT	88H4O	SFC													1. COMNAV Surface, USA Elm Navy Act. 2. Cargo Ops Div, MTMC, Sunny Point; Pusan; Okinawa. 3. Ops Div, MTMC, Bremerhaven. 4. Ops Div, USA Elm Joint Test Acty. 5. Ofc of the Cdr, MTMC, Greece and the Azores.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–88K–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally pulls 200 pounds 80 feet as part of a two soldier team (prorated 100 pounds).
2	1, 2, 3, 4, 5	2. Frequently lifts 30-80 pounds and climbs 15 feet.
3	3, 4, 5	3. Occasionally lifts 200 pounds as part of a 4 soldier team (prorated 50 pounds).
4	3, 4, 5	4. Must be able to distinguish sounds at night in a marine environment. 5. Must possess finger dexterity in both hands.

**Table 10–88K–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	SEAMAN	88K1O	PFC	1	1	2	2	3	3	4	4	5		1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other lines.
2	SEAMAN	88K1O	SPC	1	1	2	2	3	3	4	4	5		
3	COXSWAIN	88K2O	SGT											1. Senior operator (on the following vessels: Landing Craft Mechanized (LCM-8), Lighter Amphibious Resupply Cargo (LARC-LX), Side Loadable Warping Tugs (SLWT) and Causeway Ferry). Note: On LCM, SLWT and Causeway Ferry, the second position also graded SGT. 2. Floating Craft Maint Co, Port Construction Co, Trans Composite Watercraft Co, Harbormaster Det, , QM Water Team Barge, and Causeway Systems.
4	LEADING SEAMAN	88K2O	SGT											On all vessels except SLWT, LCM.
5	DISPATCHER	88K2O	SGT											Harbormaster Det. Second position also graded SGT.
6	MARINE SAFETY NCO	88K2O	SGT											1. Terminal Operations Branch, Terminal Battalion. 2. Harbormaster Det. Second position also graded SGT.
7	BOATSWAIN	88K3O	SSG											Single position on Landing Craft Utility (LCU), Barge Crane , Logistics Support Vessel (LSV), Causeway Ferry, Inland/ Coastal (100 ft) and Harbor (65-ft or Pusher) Tugs.
8	SECTION SERGEANT	88K3O	SSG											Medium Boat Plt Trans Composite Watercraft Co, Boat Sections of Trans Medium Boat Co and Det Hq, Harbormaster Detachment.
9	WATERCRAFT NCO	88K3O	SSG											On LARC-LX.
10	FIRST MATE	88K4O	SFC											1. Principal NCO on a Class A1 vessel LCU, Small Tug (ST). 2. Barge Crew of a Floating Craft Maint Co.
11	BOATSWAIN	88K4O	SFC											Floating Machine Shop (FMS), Ocean Going (128-ft) Tug.

**Table 10-88K-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
12	DETACHMENT SER-GEANT	88K4O	SFC													1. Principal NCO on LSV, Causeway Ferry, Causeway RollOn/Roll-Off Discharge Facility (RRDF)(Main Segment) and Floating Causeway (Main Segment). 2. Hq Sec, Trans LARC-LX Det.
13	MARINE OPERATIONS NCO	88K4O	SFC													1. Terminal Ops Br of Terminal Bn. 2. Ligherage Control Center, Harbormaster Det.
14	PLATOON SERGEANT	88K4O	SFC													Principal NCO in a platoon.
15	OPERATIONS SER-GEANT	88K4O	SFC													S2/S3 Sec, Trans Composite Group.

Notes:

- \*Blank spaces in this column indicate not applicable.
- Class A-1 vessels are self-propelled, self-sustaining, coastal and harbor craft of limited size and range.
- Class A-2 vessels are self-propelled, self-sustaining, unlimited ocean going ships.
- Class B vessels are Landing Craft Mechanized (LCM), LARC-60, LACV-30 and Barges.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-88K-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	SEAMAN	88K1O	PFC	1	1	2	2	3	3	4	4	5				1. Grades of additional positions will be in same pattern.
2	SEAMAN	88K1O	SPC	1	1	2	2	3	3	4	4	5	5			2. Grading pattern will be used for all positions not specifically identified in any other lines.
3	SECTION SERGEANT	88K3O	SSG													Single position in U.S. Army Jungle Operations Training Bn, Transportation Sec, U.S. Army Southern Command.
4	HARBORMASTER	88K4O	SPC													Installation Port Operations Sec at: a. Ft Eustis, VA. Second position graded SSG. b. Ft Story, VA.
5	MARINE OPERATIONS NCO	88K4O	SFC													Pre-positioned watercraft activity, Diego Garcia, U.S. Army Pacific.

Notes:

- \*Blank spaces in this column indicate not applicable.
- Class A-1 vessels are self-propelled, self-sustaining, coastal and harbor craft of limited size and range.
- Class A-2 vessels are self-propelled, self-sustaining, unlimited ocean going ships.
- Class B vessels are Landing Craft Mechanized (LCM), LARC-60, LACV-30 and Barges.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-88L-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts 200 pounds and carries 50 feet as part of a 4 soldier team (prorated 50 pounds per soldier).
2	1, 2, 3, 4, 5	2. Frequently lifts 30 to 100 pounds and climbs 15 feet.
3	1, 3, 4, 5	3. Frequently pulls to apply 200 pounds of force.
4	1, 3, 4, 5	4. Constantly listens to engines to detect unusual sounds. 5. Must possess finger dexterity in both hands.

**Table 10-88L-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	MARINE ENGINEMAN	88L1O	PFC		1	1	1	2	2	2	2	3	3		1. Grades of additional positions will be in same pattern.
2	MARINE ENGINEMAN	88L1O	SPC		1	1	1	2	2	2	3	3	3	4	2. Grading pattern will be used for all positions not specifically identified in any other lines.
3	SR MARINE ENGINEMAN	88L2O	SGT			1	1	1	2	2	2	2	2		3. Lines 1-4 are applicable to all shore based maintenance activities including Amphibious, Resupply, Cargo (LARC-LX), Co Hq and Maint Salvage Sec of Medium Watercraft Co, Co Hq and DS Maint Sec of Heavy and Composite Watercraft Co, Co Hq and Machinery/Electrical Repair Sec of Floating Craft Maint Co. S4 Sec of Trans Composite Gp, Marine Maint Sec of Trans Tml Bn and Equip Sec, Org Maint Sec and DS Maint Sec of Engr Port Const Co
4	JR MARINE ENGINEER	88L3O	SSG									1	1	1	4. Use lines 5, 6, 7, 9 and 13 for ship based marine maintenance personnel.
5	MARINE ENGINEMAN	88L1O	PFC			1	1	2	2	3	3	4	4	5	1. Grades of additional positions will be in same pattern.
6	MARINE ENGINEMAN	88L1O	SPC			1	1	2	2	3	3	4	4	5	2. Applicable to all ship based and causeway maintenance activities.
7	SR MARINE ENGINEMAN	88L2O	SGT												Applicable to all ship based maintenance activities of Port Construction Co, Floating Craft Co, Floating Craft Maintenance Co, Medium and Heavy Watercraft Co, Composite Watercraft Co, QM Water Purif Barge, Causeway Systems and all vessels.
8	MARINE MAINTENANCE SGT	88L3O	SSG												Applicable to all shore based maintenance activities as principal NCO in Maintenance Section of Floating Craft Maintenance Co, Maint/Salvage Sec of Medium Boat Co and DS Maint Sec, and Transportation Composite Boat Company. Marine Maint Br, Trans Terminal Bn.
9	ASST MARINE ENGINEER	88L3O	SSG												Principal assistant to the Chief Engineer on Harbor Tug (either 65-ft or Pusher Tug).
10	JR MARINE ENGINEER	88L3O	SSG												Applicable to ship based maintenance activities on Barge, Derrick (BD), Landing Craft, Utility (LCU) and Floating Causeway and Class A2 Vessels Logistics Support Vessels (LSV), Coastal and Inland Waterway Tug (100-ft).
11	PLATOON SERGEANT	88L4O	SFC												Marine maint or boat platoon.
12	MARINE MAINT SUPV	88L4O	SFC												Applicable to shore based maintenance activities as principal NCO in Floating Craft Maint Co, Amphibious Lighter (LARC LX), Det, Troop Sup Br TAACOM and S4 Section, Trans Composite Group.
13	MARINE MAINTENANCE NCO	88L4O	SFC												Applicable to Class A-2 vessels (Logistics Support Vessel (LSV) and Ocean-going tug (128-ft) (second position will be graded per line 10).
14	MARINE MAINT INSP	88L4O	SFC												Quality Control Sec, Trans Floating Craft Maint Co.
15	ASST ENGINEER	88L4O	SFC												Applicable to the Landing Craft, Utility (LCU).

Notes:

- \*Blank spaces in this column indicate not applicable.
- Class A-1 vessels are self-propelled, self-sustaining, coastal and harbor craft of limited size and range.
- Class A-2 vessels are self-propelled, self-sustaining, unlimited ocean going ships.
- Class B vessels are Landing Craft Mechanized (LCM), LARC-60, and barges.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-88L-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	MARINE ENGINEMAN	88L1O	PFC		1	1	1	2	2	2	2	3	3		1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other lines.
2	MARINE ENGINEMAN	88L1O	SPC		1	1	1	2	2	2	3	3	4		
3	SR MARINE EN- GINEMAN	88L2O	SGT			1	1	1	2	2	2	2	2		
4	JR MARINE ENGINEER	88L3O	SSG									1	1	1	
5	MARINE MAINTENANCE SGT	88L3O	SSG												Pre-positioned watercraft activity, Diego Garcia, U.S. Army Pacific.
6	MARINE MAINTENANCE NCO	88L4O	SFC												Principal NCO on Class A-2 vessels and the James McHenry. Second position will be graded per line 12.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.
- Class A-1 vessels are self-propelled, self-sustaining, coastal and harbor craft of limited size and range.
- Class A-2 vessels are self-propelled, self-sustaining, unlimited ocean going ships.
- Class B vessels are Landing Craft Mechanized (LCM), LARC-60, and barges.

**Table 10-88M-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts and pulls 130 pounds.
2	1, 2, 3, 4, 5	2. Constantly lifts and pivots 342 pounds as part of a 2 soldier team (prorated 171 pounds per soldier).
3	3, 4, 5	3. Must possess red/green color discrimination.
4	3, 4, 5	4. Constantly listens to engines to detect unusual sounds. 5. Frequently reads maps, signs and signals.

**Table 10-88M-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	VEHICLE DRIVER	8M1O	PFC		1	2	2	3	3	4	4	5	5		1. Grades of additional positions will be in same pattern for each shift. When the requirement for drivers exceeds one per vehicle per operating shift, such positions will be graded PFC (line 1). Grading of vehicle driver positions as light trucks, sedans and HMMWV. 2. Grading of Senior Vehicle Driver, see line 13. 3. Grading pattern will be used for all positions not specifically identified in any other lines.
2	VEHICLE DRIVER	88M1O	SPC		1	1	1	2	2	3	3	4	4	5	
3	HET VEHICLE DRIVER	88M1O	PFC			1	1	1	1	2	2				Grading of HET or HEMTT vehicle driver positions intended to haul equipment and/or supplies over all types of terrain.
4	HET VEHICLE DRIVER	88M1O	SPC			1	1	1	2	2	2	2			
5	HET VEHICLE DRIVER	88M2O	SGT			1	1	1	2	2	3	3	3		
6	HET VEHICLE DRIVER	88M3O	SSG										1		
7	HEAVY VEH DRIVER	88M1O	PFC			1	1	1	2	2	2	2	3	3	Grading of heavy vehicle driver positions as truck tractors, with or without trailer intended for principally highway use.
8	HEAVY VEH DRIVER	88M1O	SPC			1	1	1	2	2	3	3	3	3	
9	HEAVY VEH DRIVER	88M2O	SGT				1	1	1	1	2	2	2	3	

**Table 10–88M–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
10	HEAVY VEH DRIVER	88M3O	SSG										1	1	1	
11	VEHICLE DRIVER	88M1O	PFC													
12	CHAUFFEUR	88M1O	SPC													Battalion or squadron command section.
13	CHAUFFEUR	88M2O	SGT													Driver for COL or BG.
14	SR VEH DRIVER	88M2O	SGT													Light, utility and cargo truck squad, grades one requirement per ten vehicle drivers.
15	DISPATCHER	88M2O	SGT													1. Company headquarters, trans company, grades one requirement per shift. 2. Trans section, SOF group/bn.
16	CHAUFFEUR	88M3O	SSG													Driver for major general lieutenant general.
17	SQUAD LEADER	88M3O	SSG													1. Senior NCO in a Motor Transportation Squad. 2. Cargo transfer plt hq, trans cgo transfer co.
18	SECTION SERGEANT	88M3O	SSG													Principal NCO for supervision of motor transport functions in TOE other than SRC series 55.
19	CHAUFFEUR	88M4O	SFC													Driver for four star general or General of the Army.
20	TRUCKMASTER	88M4O	SFC													1. Company headquarters, truck company. Second position graded SFC. 2. Support Company, SOSB. 3. S4, Support Bn (Base). 4. Tng Equip Support Team. 5. Service Section, Ord Msl Materiel Clo DS/GS. 6. Ops Ofc S&T Co.
21	OPERATIONS SER-GEANT	88M4O	SFC													1. Trans Det, SOSB. 2. Trans Sec, COSCOM. 3. S2/S3 Ops Sec, Trans Bn. 4. ACofS Trans Ops, Trans Bde, COSCOM. 5. ACofS Movt, Trans Command.
22	HWY OPS SERGEANT	88M4O	SFC													1. Trailer Transfer Point. 2. S2/S3 Sec, Trans Comp Group. 3. Hwy Reg Point, Team LH. 4. Trans Movt Control Agency/Center.
23	DETACHMENT SER-GEANT	88M4O	SFC													Principal NCO of a detachment.
24	PLATOON SERGEANT	88M4O	88M4OF7	SFC												Principal NCO of a platoon. In infantry TOE use ASI F7.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–88M–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	VEHICLE DRIVER	88M1O	PFC		1	2	2	3	3	4	4	5	5			1. Grades of additional positions will be in same pattern for each shift. When the requirement for drivers exceeds one per vehicle per operating shift, such positions will be graded PFC (line 1). 2. Grading pattern will be used for all positions not specifically identified in any other lines.
2	VEHICLE DRIVER	88M1O	SPC		1	1	1	2	2	3	3	4	4	5		
3	HVY VEHICLE DRIVER	88M1O	PFC			1	1	1	1	2	2	2	2			For all vehicles of more than 5-ton cargo capacity. This includes all truck tractors, with or without trailer.
4	HVY VEHICLE DRIVER	88M1O	SPC		1	1	1	2	2	2	2	3	3			

**Table 10–88M–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
5	HVY VEHICLE DRIVER	88M2O	SGT	1	1	1	2	2	3	3	3	3	4	
6	HVY VEHICLE DRIVER	88M3O	SSG								1	1	1	
7	COURIER	88M1O	SPC	1	1	2	2	3	3	4	4	5	5	
8	COURIER	88M2O	SGT	1	1	2	2	3	3	4	4	5		
9	ASST HVY VEH DVR	88M1O	PFC											Used to grade additional requirements in conjunction with lines 3-6.
10	CHAUFFEUR	88M1O	SPC											1. Battalion or squadron command section. 2. Headquarters section commanded by LTC.
11	CHAUFFEUR	88M2O	SGT											Driver for COL or BG.
12	SR VEHICLE DRIVER	88M2O	SGT											1. Protocol Bureau, NTC. 2. Exercise spt activity. 3. Trans Co, USAJFKSWCS. 4. HHC Area Spt Gp (Aug).
13	DISPATCHER	88M2O	SGT											Transportation NCO in a quality assurance division; operations division; vehicle control section; transportation detachment or company augmentee with or without a 88M4O, truckmaster.
14	CHAUFFEUR	88M3O	SSG											Driver for MG or LG.
15	SQUAD LEADER	88M3O	SSG											Principal NCO of a motor transportation squad.
16	SECTION SERGEANT	88M3O	SSG											Principal NCO motor transportation squad.
17	DRIVER TEST SGT	88M3O	SSG											Principal NCO in separate permanent type driver test stations.
18	TRUCKMASTER	88M3O	SSG											USAREC Recruiting Bn.
19	CHAUFFEUR	88M4O	SFC											1. Driver for four star general or General of the Army. 2. USA Trans Agency White House.
20	TRUCKMASTER	88M4O	SFC											1. White House Commo Agency. 2. 21st Repl Bn (AUG). 3. 80th Area Spt Gp (AUG). 4. 6th Spt Gp, 22 Spt Gp, 10th Spt Gp, 34th Spt Gp (Aug). 5. USA Field Band Spt Ellm, USAG Ft Meade. 6. USA Exercise Spt Agency, Ft Belvoir. 7. USA Recruiting Spt Ctr. 8. USA Ops Test and Eval Agency. 9. USA Cbt Sys Test Activity. 10. ISA ADA Ctr. 11. USA Elm Hq Central Command.
21	OPERATIONS SER-GEANT	88M4O	SFC											Motor Transportation Operations except training companies.
22	FLEET MGMT NCO	88M4O	SFC											1. USA Recruiting Command Hq. 2. ROTC Region 4, Ft Lewis, WA.
23	SR COURIER	88M4O	SFC											Senior courier (88M) in USA Elm Def Courier Service.
24	DETACHMENT SER-GEANT	88M4O	SFC											Principal NCO of a motor transportation detachment.
25	PLATOON SERGEANT	88M4O	SFC											Principal NCO of a platoon.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-88N-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently sits from 1 to 4 hours duration.
2	1, 2, 3, 4, 5	2. Frequently stands from 1/2 to 1 hour duration.
3	1, 4, 5	3. Occasionally stands, stoops, or kneels for 1 minute while filing.
4	1, 4, 5	4. Must possess finger dexterity in both hands. 5. Frequently provides verbal assistance and instructions.

**Table 10-88N-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Trans mgt coord	88N1O	PFC		1	2	3	3	3	3	4	4	4	Grades of additional positions will be in same pattern.
2	Trans mgt coord	88N1O	SPC	1	1	1	1	1	2	3	3	3	4	
3	Trans mgt NCO	88N2O	SGT	1	1	1	1	1	1	2	2	2		
4	Movements specialist	88N1O	PFC	1	2									Petrl Supply, Pipeline and Tml Ops Units.
5	Movements specialist	88N1O	SPC	1	1	1								
6	Movements specialist	88N2O	SGT											1. Ops Sec, Ord Co, Ammo Nuc Sp, DS/GS. 2. S3 Sec, HHC Inf (Ranger) Regt. 3. S2/S3, HHD GRREG Bn (AOE). 4. G4, HHC Inf Div (Mtz). 5. Co Hq, Trans Cgo Transfer Co (L-Edition). 6. Coord of Fwd Area Spt, DISCOM, Lt Inf Div. 7. Cmd Materiel Mgmt Ctr, Spt Bn Pershing. 8. Rgmts and Ops Div, HHC Pers Cmd (Type B and C). 9. G4 Sec, ARFOR Staff. 10. Rear Ops Plns Sec, Corps Rear CP Ops Cell. 11. Spt Ops Sec, Hq & Sup Co (MSB). 12. CSS Cell/Main, HHC Light, Armored and Mech Inf Div.
7	Document supervisor	88N3O	SSG											1. S2/S3 Sec, HHD Trans Mtr Trans Gp (second position also graded SSG). 2. ACofS Trans Ops, HHC Trans Ops, HHC Trans Ops Bde, COSCOM Second position also graded SSG. 3. Doc Sec, Trans Tml Svc Co. 4. Co Hq, Trans Tml Transfer Co and Cgo Transfer Co (J Edition). 5. Cgo Doc Tm, Trans Host Nation Spt Tm. 6. Cgo Doc (Tm JB, JI, LA, LD).
8	Movements supervisor	88N3O	SSG											1. Ctrl Sec, Ord Co Ammo, Conv DS and Conv GS. 2. ACofS Ops, HHC Corps. 3. Movt Ctrl Tm, LC, LD, LE, LF and LG. 4. Movt and Cgo Doc Br, Trans Tml Bn. 5. Movt Ctrl Ofc, DISCOM, Mtz Div. 6. Movt Ctrl Ofc and Coord of Fwd Area Spt, HHC/MMC Spt Cmd, AASLT Div. 7. Coord of Fwd Area Spt, HHC/MMC Spt Cmd, Abn Div. 8. Ops Plns and Prog Div, Movt Ctrl Ctr, COSCOM. 9. S2/S3 Sec, Trans Tml Gp. 10. Freight Consol and Distr, Tm JC and Tm LB. 11. Ops Sec, Ord Co Ammo Nuc Sp GS/DS and Ammo GS/DS. 12. Ctrl Sec, Ord Co Ammo DS (PLS/MOADS) and Ord Det Ammo. 13. Materiel Sec and Det Hq, Ord Bn (Ammo) and Ord Bn (Ammo) DS/GS. 14. ACofS Materiel, Ord Bde Ammo. 15. Ops Sec, Ord Msl Materiel Co (DS/GS). 16. Ops Sec, Ord Co Ammo (GS/DS) (DS/GS). 17. S2/S3 Sec, HHD Pers Repl Bn. 18. Automation Asst Ofc, Dir/Svc, Area Spt Gp. 19. Freight Movt Div, Movt Ctrl Agency (second position also graded SSG). 20. Proc, Anal & Tech Asst Br and Sys Mgmt Br, Movt Ctrl Agcy.

**Table 10-88N-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
																21. Movt Plns Br, Msl-Mat & Trans Br and Mat and Trans Div, MMC TA. 22. Spt Ops Sec, Hq & Sup Co, Spt Bn (Fwd). 23. Ops Div & Postal Plns Div, HHC Pers Cmd (Type B) (JEdition). 24. Trans Sec, 1st Bn, 3d Inf Regt. Second position also graded SSG. 25. S3 Sec, MP EPW/CI Bn. 26. Movt Ctrl Sec, Trans Det. 27. Tm UB, Public Trans Tm, CA Org. 28. Movt Ctrl Ctr, Trans Movt Ctrl Ctr, COSCOM. 29. ACofS Trans Ops, HHC Trans Bde, COSCOM. 30. Sup, Trans-Svc Br, Hq & Lt Maint Co, Inf Div (Mtz). 31. Plns/Ops Br, HHC Spt Gp (Corps). 32. Materiel Sec, HHD Ord Gp, Conv Ammo, DS/GS. 33. S2/S3 Sec, Trans Comp Gp. 34. Trans Br, HHD Corps Spt Bn. 35. Air Movt Br, Sea Movt Br, Land Movt Br, HHC Theater Army. 36. Airlift Sec/Plns Div, Ln Det Btlfd Coord Elm. 37. Movement Team, Fwd Spt Co, SOSB (Abn). 38. Plans/Ln Sec, Hq and Main Spt Co, SOSB (Abn). 39. ACofS Trans Ops, HHC TRANSCOM. 40. Automation Mgmt Ofc, HHC TRANSCOM. 41. Cmd Sec, S2/S3 Sec, Spt Bn (Base).
9	Sr movements NCO	88N4O	SFC													1. Ops Plns & Prog Div and Movt Ctrl Ctr, COSCOM. 2. Proc Anal & Tech Asst Br and Sys Mgt Br, Movt Ctrl Agency. 3. Movement Team, Air Movement Squad of Fwd Spt Co, SOSB (Abn). 4. ACofS Trans Ops, HHC TRANSCOM. 5. S3 Sec, Aslt Hel Bn, Special Ops Avn (SOA).
10	Staff movements NCO	88N4O	SFC													1. ACofS Materiel, Ord Bde, Ammo. 2. S4 Sec, Engr Bde, Armor Cav Reg and Hvy Sep Bde. 3. Petr Liaison, Petr Sup and Ops Tm (JM). 4. Trans Sec, HHC & Sp Trp COSCOM. 5. Dir/Svc and Trans Br, Area Spt Gp. 6. Trans Br, Petr Gp. 7. S2/S3 Sec, HHD Pers Repl Bn. 8. Scty, Plns-Ops Sec & S2/S3 Sec, HHC/MMC ADSCOM. 9. Ops Br and Movt Plans Br, MMC TA. 10. S2/S3 Sec, Trans Tml Gp (second position also graded SFC); Mtr Trans Gp and Trans Composite Gp. 11. G4 Sec, HHC MP EPW Cmd. 12. Public Trans Div, HHC Theater CA Cmd. 13. Trans Br, HHC Spt Gp (Corps). 14. G4 Sec, ARFOR Staff. 15. G4 Sec, HHC Army. Second position also graded SFC.
11	Chief movements supv	88N4O	SFC													1. Log/Ops Br, HHD Supply & Svc Bn. 2. Trans Contract Supervision Tm. 3. Ops Div and Postal Plns Div, Pers Cmd (Type A) (JEdition). 4. Freight Movt Div, Movt Ctrl Agency. 5. S2/S3 Sec, Mtr Trans Gp. 6. Movt Ctrl, (Air Team) Tm LF and (Air Team) Tm LG. 7. Log Svc Br, Theater Sig Cmd. 8. Civil Asst Tm, CA Co (GS) and CA Co (DS). 9. Civic Action Tm, CA Det (GS). 10. Bn Mat Mgt Ctr, HHD Spt Bn. 11. Det Hq, Split Base Aug Tm. 12. Tm UC Public Trans, Public Trans Tm, CA Org. 13. Movt Con Ctr & Trans Movt Con Ctr, COCSOM. 14. Cgo Acctg Br, Trans Tml Bn.

**Table 10–88N–2  
Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
12 Trans logistics NCO	88N4O	SFC													1. G4 Sec, HHC Corps. 2. ACofS Movt Br, TRANSCOM. Second position also graded SFC. 3. Psnger/Special Movt Div, Trans Movt Ctrl Agency. 4. Movt Ctrl Ofc, DISCOM. 5. Movt Plns Br, MMC COSCOM and MMC TAACOM. 6. Movt Br, Trans Tml Bn. 7. International Log Br, MMC TA. 8. S4 Sec, TASOC. 9. Dir Log, TASOC. 10. S2/S3 and S4 Sec, HHD Spt Gp (Base). 11. ACofS Trans Ops, HHC TRANSCOM. 12. Automation Mgmt Ofc, HHC TRANSCOM. 13. Spt Ops Sec, Main Spt Bn.
13 Detachment sergeant	88N4O	SFC													Principal NCO in a Trans Det.
14 Platoon sergeant	88N4O	SFC													Principal NCO in a Trans Plt.
15 Operations sergeant	88N4O	SFC													Trans Sec, HHC & Spec Trp, COSCOM.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–88N–3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 TRANS MGT COORD	88N1O	PFC			1	2	3	3	3	3	4	4			1. Grades of additional positions will be in same pattern.
2 TRANS MGT COORD	88N1O	SPC	1	1	1	1	1	2	3	3	3	4			2. Grading pattern will be used for all positions not specifically identified in any other lines.
3 TRANS MGT NCO	88N2O	SGT	1	1	1	1	1	1	2	2	2				
4 MOVEMENTS SPECIALIST	88N1O	PFC		1	2										Grades of additional positions will be in same pattern.
5 MOVEMENTS SPECIALIST	88N1O	SPC	1	1	1										
6 MOVEMENTS SPECIALIST	88N2O	SGT													1. Travel Sec, USAE Land Central Europe. 2. Ofc of the Cdr, MTMC Spain, Yokohama. 3. Trans Br, USAG Ft Chaffee. 4. G4, USA Forces Central Cmd Qatar. 5. ACS Plans Sec, MTMC Eastern Area. Second position graded SPC 6. Inbound Tracing Br, NonTemp Storage Br, USA Elm Joint Pers Prop Shipping Ofc Washington DC Area. 7. DACS, Pers & Admin and Plans & Scty, MTMC Pacific. 8. Mobility Control Center, East and West, USTRANSCOM. 9. Ops Div & Traffic Mgmt Div Rotterdam. 10. Libson Outport, MTMC Spain. 11. POV Br, MTMC Pusan. 12. Air Flow Tm, Rail Tm and Surface Tm Ntl Tng Ctr.
7 TRANS SHIP INSPECTOR	88N2O	SGT													1. Movements Sec, USAG Alaska. 2. Movt Br, HHC 20th Sup Gp 3. Pers Prop, Cp Casey, CP Edward HHC 501st LG (Aug). 4. Inland Comm Trans Div, MTMC Europe.
8 MOVEMENTS SUPERVISOR	88N3O	SSG													1. Trans Br, USA Elm Def Nuc Agency. 2. DSSF, Bremerhaven, USA Elm Def Subsistence Region, Europe. 3. Trans Div, USA Mil Com Acty, Darmstadt. 4. Movt Ops Br, USA Mil Acty, Germersheim. 5. 3d Movt Pln Cell, 3d Movt Region Ctrl Tm. 6. 4th Movt Region Base, 4th Movt Region Ctrl Tm.

**Table 10-88N-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
															7. Movt Br, USAG Ft McPherson. 8. Unit Movt Sec (first th ru fourth positions also graded SSG) and DACG Sec (second position also graded SSG), USAG Ft Hood. 9. Mob Ops Br, Hq USA Elm PACOM. 10. Cmd Ctr, USA Elm, U.S. Trans Cmd. 11. Force Cdrs Staff, USA Elm Cdrs Staff & Multinational Peace Force. 12. Ops Div, USA Elm Joint Test Acty. 13. Travel Ops/Proc Div, PERSCOM. 14. Ofc of the Cdr, MTMC Trans Tml Unit, Spain. 15. Ofc of the Cdr, Kennedy Sec, MTMC Mil Air Tfc Coord Unit, Philadelphia. 16. Cgo Ops Div, MTMC South Atlantic Outport. Second position also graded SSG. 17. POV Sec, MTMC Gulf Outport. 18. OCCA-N, MTMC Mil Tfc Cmd, Europe. 19. Freight Mgmt Br, MTMC, Pusan. 20. Tml Ops and Tfc Mgmt Div, MTMC Trans Tml Cmd, Far East. 21. Istanbul Det and Iskenderun Det, MTMC Trans Tml Unit, Turkey. 22. St Louis Sec, Philadelphia Sec & Kennedy Sec, MTMC Mil Tfc Coord Ofc, Travis AFB. 23. Ops Div, MTMC Tml, Bremerhaven. 24. Port Ops Br, MTMC Tml, UK. 25. Tfc Mgmt Br, MTMC Tml, Yokohama.  26. Ofc of the Cdr, MTMC Tml, Leghorn. 27. Unit Movt Sec, USA Spt Cmd, Hawaii. 28. ATO Zama Br and ATO Yokohama Br, HHC 17th Spt Gp (Aug). 29. Cp Edwards Instl, HHC 2d Inf Div (Aug). 30. ITO, USA Area II Spt Acty, Korea. 31. Freight Movt Br, USA Pusan Storage Facility. 32. Unit Movt Sec, USA FA Ctr and Ft Sill. 33. CONUS Outload Tml Sec and Outboard Tfc Sec, USA Depot New Cumberland. 34. Freight Sec, USA Depot Seneca. 35. Commercial Freight Br, USA Depot Seneca. 36. Trans Ctrl Br, USA Depot Sharpe. 37. Trans Div, USAG Vint Hill Farms. 38. ARNG State Movt Ctrl Ctr (Reserve Component only). 39. Pers Movement, USA NYAC Ft Hamilton. 40. G4 Sec, Corps (Aug). 41. Ops Br of Ofc of the G3 USAR Div Ex Hq.
9	CUSTOMS INSPECTOR	88N30	SSG												1. ATO Zama Br, HHC 17th Spt Gp (Aug). 2. Ofc of the Cdr, MTMC Trans Tml Unit, Turkey.
10	PERS PROPERTY NCO	88N30	SSG												1. Main Post Unit, USA Inf Ctr and Ft Benning. 2. Pers Prop Sec, USAG JRTC. 3. Movt Br, HHC 20th Spt Gp (Aug). 4. Pers Prop Br, MTMC Gulf, Outport. 5. Per Prop Sec, USAG Ft Riley. 6. Insp Br, USA Elm Joint Pers Prop Shipping Ofc Washington Area. 7. Dir of Log, 22d Area Sup Gp HHC (Aug).
11	SR MOVEMENTS NCO	88N40	SFC												1. Insp Br, USA Elm Joint Pers Prop Shipping Ofc Washington Area. 2. Unit Mov Br, USAG Hawaii. 3. Pers and Admin Div, MTMC Okinawa. 4. Cgo Checker Br, MTMC Tml Okinawa.
12	STAFF MOVEMENTS NCO	88N40	SFC												1. Qual Ctrl Sec, USAG Ft Riley. 2. DFO Japan, USA Elm Fuel Supply Cen. 3. Fwd Spt Tm, USA Joint Readiness Tng Ctr. Use with SQI P. 4. S4 Sec, HHC 513th MI Bde (Aug). 5. Plns & Ops Div, USA Intel Ctr and Sch. 6. DACS Pers and Admin Div, MTMC Pacific. 7. Support Ops Div, MTMC Okinawa.

**Table 10-88N-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
13	CHIEF MOVEMENTS SUPV	88N4O	SFC												1. DFR Europe, USA Elm Def Subsistence Region, Europe. 2. DDD Germersheim, U.S. Army Def Dist Reg East. 3. Dhahran Det and Qatar Det, MTMC. 4. Traffic Mgt Div, MTMC Balboa. 5. ATO Zama Br, HHC 17th Spt Gp (AUG). 6. Svc Sec, 19th SUPCOM (AUG).
14	TRANS LOGISTICS NCO	88N4O	SFC												Strat Mob Br, USA FORSCOM. Second position also graded SSG.
15	OPERATIONS SER- GEANT	88N4O	SFC												ACS Plans Sec, MTMC Hq Eastern Area.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-88P-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts and carries 500 pounds as part of a 3 soldier team (prorated 167 pounds).
2	1, 2, 3, 4, 5, 6	2. Frequently lifts 200 pounds as part of a 4 soldier team (prorated at 50 pounds per soldier).
3	3, 4, 5, 6	3. Frequently climbs 4 feet.
4	3, 4, 5, 6	4. Frequently makes and interprets visual signals by hand, flags and lamps. 5. Frequently listens to engines to detect unusual sounds. 6. Must possess finger dexterity in both hands.

**Table 10-88P-2  
Standards of grade TOE/MTOE**

Line	Duty Position	Code	Grade	Number of Positions*										Explanatory Notes	
				1	2	3	4	5	6	7	8	9	10		
1	Railway equip repairer	88P1O	PFC			1	1	1	2	2	2	3	3		Additional positions will be graded in the same pattern.
2	Railway equip repairer	88P1O	SPC	1	2	2	2	3	3	3	4	4	5		
3	Railway equip repairer	88P2O	SGT			1	1	1	2	2	2	2			
4	Railway equip insp	88P2O	SGT												1. Car repair platoon of a railway equipment repair company. Additional positions will be graded SGT. 2. Railway Yard Opr Team. Additional positions will be graded SGT.
5	Sr railway equip insp	88P3O	SSG												1. In car repair or diesel-electric locomotive repair platoon. 2. D-E Loco Maint Crew DS. 3. Railway Car Repair Crew DS. Second position will be graded SGT.
6	Railway equip foreman	88P3O	SSG												Diesel-electric locomotive repair or car repair platoon.
7	Platoon sergeant	88P4O	SFC												Locomotive repair or car repair platoon.
8	Railway equip main NCO	88P4O	SFC												1. S4 Sec in HHC of Trans Railway Bn. 2. Co Hqs of Trans Equip Maint Co. 3. Marine-rail AUG.

Notes:

- \* Blank spaces in this column indicate not applicable.

**Table 10–88T–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2	1. Frequently lifts and carries 3000 pounds as part of a 16 soldier team (2 8-man squads prorated at 188 pounds per soldiers).
2	1, 2	2. Constantly lifts 200-400 pounds as part of a 2 soldier team (prorated at 100-200 pounds per soldier).
3	3, 4	3. Frequently makes and interprets visual signals by hand, flag, and lamp.
4	3, 4	4. Must possess finger dexterity in both hands.

**Table 10–88T–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	Section hand	88T1O	PFC		1	2	2	3	4	4	5	6	6	6	Additional positions will be graded in the same pattern.
2	Section hand	88T1O	SPC	1	1	1	2	2	2	3	3	3	4		
3	Section gang foreman	88T2O	SGT											Supervision of section crew in a track maint sec.	
4	Railway section supv	88T3O	SSG											1. Supervision of 2 section crews. 2. Track Maint Plt Hq, Trans Railway Engr Co.	
5	Platoon sergeant	88T4O	SFC											Railway platoon.	
6	Track maintenance NCO	88T4O	SFC											1. Railway Engr Co Hq. 2. S4 Sec in HHC of Railway Bn.	

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–88T–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	Section hand	88T1O	PFC		1	2	2	3	4	4	5	6	6	6	Additional positions will be graded in same pattern.
2	Section hand	88T1O	SPC	1	1	1	2	2	2	3	3	3	4		
3	Section gang foreman	88T2O	SGT											Way team I.	
4	Railway sec supv	88T3O	SSG											Way team II.	
5	Railway sec tm ldr	88T4O	SFC											Way team III.	

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–88U–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts and carries 80 pounds.
2	1, 2, 3, 4	2. Frequently lifts and carries 20 pounds.
3	4	3. Occasionally pushes and pulls 100 pounds.
4	4	4. Constantly push/pull 15 pounds.

**Table 10–88U–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	Train crewmember	88U1O	PFC			1	1	1	2	2	2	2	2	2	Ops crew sections or train crews.
2	Train crewmember	88U1O	SPC		1	1	1	2	2	2	2	2	2	2	Additional positions will be graded in same pattern.
3	Train crewmember	88U2O	SGT	1	1	1	2	2	2	3	3	4	5		
4	Sr train crewmember	88U3O	SSG								1	1	1		
5	Railway clerk	88U1O	PFC		1	1	2	2	2	3	3	3	3	3	Units other than those described in the explanatory notes for lines 1 thru 4 above. Additional positions will be graded in the same pattern.
6	Railway sp	88U1O	SPC	1	1	2	2	2	3	3	4	4	5		
7	Sr railway sgt	88U2O	SPC					1	1	1	1	2	2		
8	Train mvmt supv	88U3O	SSG												1. Each railway Tm of Trans Train Opr Plt of Trans Train Co. 2. Railway terminal team. 3. Co Hq, Trans Train Opr Co. Second position will be graded SSG. 4. Railway Yard Opr Team. Second position will be graded SSG. 5. Trans Movement Sec of HHC, Trans Railway Bn. Additional positions will be graded SSG.
9	Platoon sergeant	88U4O	SFC												Train movement Opr Plt Hq.
10	Railway opr supv	88U4O	SFC												Co Hq of Trans Train Opr Co.
11	Sr train mvmt supv	88U4O	SFC												Train movement Sec of HHC Trans Railway Bn. One per shift.
12	Railway opr NCO	88U4O	SFC												S2/3 Sec in HHC of Trans Railway Bn.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–88U–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	Train crewmember	88U1O	PFC				1	1	1	1	2	2	2	2	Additional positions will be graded in same pattern.
2	Train crewmember	88U1O	SPC			1	1	1	1	2	2	2	3		
3	Train crewmember	88U2O	SGT	1	1	1	1	2	2	2	3	3			
4	Sr train crewmember	88U3O	SSG	1	1	1	1	2	2	2	2	2	2		

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–88X–1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2, 3, 4, 5, 6, 7	<ol style="list-style-type: none"> <li>1. Frequently climbs 4 feet.</li> <li>2. Must possess normal color vision.</li> <li>3. Frequently reads blueprints.</li> <li>4. Frequently displays and interprets visual signals and observes dials, meters, and gauges to monitor equipment performance.</li> <li>5. Frequently makes and interprets visual signals by hand, flags, and lamps.</li> <li>6. Frequently listens to engine to detect unusual sounds.</li> <li>7. Must possess finger dexterity in both hands.</li> </ol>

**Table 10–88X–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	First sergeant	88X5M	1SG	As principal NCO in railway operating, maintenance-of-way, or repair company.
2	Operations sergeant	88X5O	MSG	As principal operations NCO in railway battalion or comparable unit.
3	Chief freight NCO	88X5O	MSG	Transportation railway service headquarters.
4	Chief passenger NCO	88X5O	MSG	Transportation railway service headquarters.
5	Rail maint sgt	88X5O	MSG	S4, Transportation Composite Group.
6	Operations sergeant	88X5O	SGM	Principal operations NCO in railway group or comparable higher level organization.

Notes:

<sup>1</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–88X–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
NO ACTION REQUIRED														

**Table 10–88Z–1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2, 3, 4	<ol style="list-style-type: none"> <li>1. Frequently sits from 1 to 4 hours duration.</li> <li>2. Frequently stands from 1/2 to 1 hour duration.</li> <li>3. Must possess finger dexterity in both hands.</li> <li>4. Frequently provides verbal assistance and instructions.</li> </ol>

**Table 10–88Z–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
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1	OPERATIONS SERGEANT	88Z5O	MSG	<ol style="list-style-type: none"> <li>1. Hq, TRANSCOM: <ol style="list-style-type: none"> <li>a. ACofS Scty Plans Ops.</li> <li>b. ACofS Trans Ops. Second position also graded MSG.</li> <li>c. Hq Commandant Sec.</li> </ol> </li> <li>2. Bn Hq, Tm LD.</li> <li>3. S2/S3 Sec Mtr Trans Bn.</li> <li>4. S2/S3 Sec Motor Trans Bn.</li> <li>5. Host Nation Svc Br, Corps Spt Group.</li> <li>6. HNS Logistics Dir, Area Spt Group.</li> <li>7. Tm Hq, Log Plns Aug Tm.</li> <li>8. Trans Br, Corps Spt Bn.</li> <li>9. Ops Sec of a Dredge Team.</li> </ol>
2	TRANSPORTATION SUPV	88Z5O	MSG	<ol style="list-style-type: none"> <li>1. TAACOM: <ol style="list-style-type: none"> <li>a. ACofS Svcs Sec.</li> <li>b. ACofS Host Nations Spt Sec.</li> </ol> </li> <li>2. G4, CSS CSS Cell/Rear and CSS Cell/Main, Div.</li> <li>3. G4/CSS Cell/Rear, Corps.</li> <li>4. Movt Ctrl, Tm LF.</li> <li>5. S4 Sec, TASOC.</li> <li>6. ACofS Trans Ops, Hq, TRANSCOM:</li> <li>7. Transportation Div, Army Service Comp Cmd.</li> <li>8. Trans Sec, or Trans Spt Br, Spt Cmd COSCOM. Second position also graded MSG.</li> <li>9. Principal NCO of Auto Cgo Doc Det (Tm LD).</li> <li>10. Trans Sec, HHB ADCOM (TA).</li> <li>11. Trans Movt Ctrl Agency: <ol style="list-style-type: none"> <li>a. Plns and Prog Div.</li> <li>b. Freight Movt Div.</li> <li>c. Passenger Movt Div.</li> <li>d. Spec Movt Div.</li> <li>e. Hwy Traffic Hq.</li> <li>f. Movt Info Div.</li> </ol> </li> <li>12. Trans Movt Ctrl Ctr, COSCOM: <ol style="list-style-type: none"> <li>a. Ops, Plns &amp; Prog Div.</li> <li>b. Hwy Traffic Div.</li> </ol> </li> <li>13. Movt Ctrl Br, HHC/MMC, Spt Cmd, Abn AASLT Div.</li> <li>14. ACofS Materiel Sec, Engr Cmd.</li> <li>15. Supply and Services Div, HHC Theater Signal Cmd.</li> <li>16. G4 Sec, MP EPW Cmd.</li> <li>17. S2/3 Sec; Plans, Programs and Ops Sec; and Highway Traffic Sec, Movt Ctrl Bn (Corps and EAC).</li> <li>18. Det Hq, Port Movt Ctrl Det.</li> <li>19. Field Svc Dir &amp; Host Nation Sup Div, TAACOM.</li> <li>20. USA Fld Band Spt Element.</li> </ol>
3	MARINE MAINT SGT	88Z5O	MSG	ACofS Svc Sup and Maint, Hq, TRANSCOM.
4	FIRST SERGEANT	88Z5M	1SG	Principal NCO in Trans Co, Floating Craft Maint Co, Amphibious Medium Co, Floating Craft Co, Medium and Heavy Watercraft Co, Agency Hq, Trans Movt Ctrl Agency, Engr Dump Trk Co and HHC, TRANSCOM.
5	OPERATIONS SERGEANT	88Z5O	SGM	<ol style="list-style-type: none"> <li>1. Cmd Sec, Trans Movt Ctrl Ctr, Theater Area Movement Control Agency.</li> <li>2. Hq, TRANSCOM: <ol style="list-style-type: none"> <li>a. ACofS Plns Ops.</li> <li>b. ACofS Trans Ops.</li> </ol> </li> <li>3. S2/S3, Trans Composite Gp.</li> </ol>
6	SR TRANSPORTATION SUPV	88Z5O	SGM	<ol style="list-style-type: none"> <li>1. Trans Sec, (or Trans Spt Br), COSCOM.</li> <li>2. ACofS Trans Ops TRANSCOM. Second position also grade SGM.</li> <li>3. Plns &amp; Prgms Div, Trans Movt Ctrl Agency.</li> </ol>

Notes:

<sup>1</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-88Z-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	OPERATIONS SERGEANT	88Z5O	MSG	1. Ops Div, MTMC, Europe, MTMC Pacific, MTMC Balboa, MTMC Oakland and MTMC Beaumont. 2. Iskend Det, MTMC, Turkey. 3. Ofc of the Cdr, MTMC Yokohama, MTMC Greece, MTMC Baltimore and MTMC Cape Canaveral. 4. Ops Br, USA Trans Agency White House. Subsequent positions also graded MSG. 5. Trans Div and Sub ATO South Japan, HHC, 17th Area Spt Gp. 6. Trans Div, HHC 20th Spt Gp. 7. SWA Detachment, MTMC.
2	TRANSPORTATION SUPV	88Z5O	MSG	1. Postal Trans Div, USA Military Postal Svc Agency. 2. Force Trans, Movt Ctrl Ctr, USA FORSCOM Log Spt Unit Sinai. 3. Plans Ops, Trans Div, USAG Alaska. 4. Hq Detachment, MTMC Hq Eastern Area. 5. Carrier Compliance Br, MTMC Fld Ops Acty. 6. White House Spt Br, USA Trans Agency White House. 7. Spt Elm, USA Fld Band, MDW. 8. Trans and Svcs Div, U.S. Army Japan. 9. Cgo Ops Div, MTMC Bayonne. 10. Admin and Spt Br, MTMC England. 11. Plans Div, U.S. Army Southern Europe Task Force. 12. Mov Cont Ctr, National Training Center and Ft Irwin.
3	PLANS NCO	88Z5O	MSG	DACS Plans & Safety, MTMC Pacific.
4	SR MOVEMENTS NCO	88Z5O	MSG	1. Movement Control Br, Hq MTMC. 2. Trans Br and 3d Army/ARCENT, Hq Sp Ops Spt Cmd. 3. CSS Bde Augmentation, I Corps.
5	FIRST SERGEANT	88Z5M	1SG	1. B Co, Tng Spt Bn, USAJFKSWC. 2. As principal NCO of: a. Tng Co, USATSCH. b. USATC Ft Leonard Wood. c. USAES, Ft Leonard Wood. 3. Trans Co, USAE Land Central Europe.
6	SR TRANS STAFF NCO	88Z5O	MSG	1. Natl Science Agency, USA Spt Outside DoD Acty. 2. Trans Plans and Ops Div, PERSCOM. 3. U.S. Army Svc Ctr for the Armed Forces.
7	OPERATIONS SERGEANT	88Z5O	SGM	1. Subinstallation, Ft Story, USATCC, Ft Eustis. 2. DPTMSEC, Ft Eustis, VA. 3. Ops Br, USA Trans Agency, White House. 4. Ofc of the Cdr, MTMC Izmir.
8	SR TRANSPORTATION SUPV	88Z5O	SGM	Mvmt Trans Br, USAE Land Central Europe.
9	MANPOWER ANALYST	88Z5O	SGM	USAFMSA.
10	SR TRANS TML NCO	88Z5O	SGM	1. Ofc of the Cdr, MTMC, Turkey; and Leghorn, MTMC Eastern Area, MTMC Europe and MTMC Okinawa, MTMC Rotterdam and MTMC Charleston. 2. Cargo Ops Div, MTMC, Mil Ocean Tml, Sunny Point.
11	TRANS INSPECTOR	88Z5O	SGM	Ofc of the IG, Hq MTMC Cmd.

Notes:

<sup>1</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-91A-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2	1. Occasionally lifts and carries 67 pounds.
2	1, 2	2. Must possess hand/eye coordination.
3	1, 2	
4	2	
5	2	

**Table 10-91A-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	MED EQUIP REP	91A1O	PFC		1	1	2	2								1. Grades of additional positions will be in same pattern.
2	MED EQUIP REP	91A1O	SPC		1	1	1	1	2							2. Grading pattern will be used when not specifically identified by any other line.
3	MED EQUIP REP SGT	91A2O	SGT			1	1	1								
4	MED EQUIP REP	91A1O	PFC		1	1	1	1	2	2	2	2	3	3		1. Grades of additional positions will be in same pattern.
5	MED EQUIP REP	91A1O	SPC			1	1	1	1	2	2	2	2	3		2. Med Log Bn.
6	MED EQUIP REP SGT	91A2O	SGT				1	1	1	1	2	2	2	2		3. Med Maint and Med Maint Spt Sec in Hq of Log Spt Co.
7	MED EQUIP REP SGT	91A3O	SSG					1	1	1	1	2	2	2		4. Bio Med Maint Sec in: a. Distr Co of Log Spt Bn. b. Med Log Spt Det. 5. Tm in Med Maint Sec in Hq of Log Spt Co 6. Sup & Svc Div of H&S Co.
8	MED EQUIP REP	91A1O	PFC				1	1	2	2	2	2	3	3		1. Grades of additional positions will be in same pattern.
9	MED EQUIP REP	91A1O	SPC				1	1	1	1	2	2	2	3		2. CSH, Evac, Field, Gen, MASH, Sta and/or Surg Hosp.
10	MED EQUIP REP SGT	91A2O	SGT				1	1	1	1	1	2	2	2		3. Med Ctr of TA Mat Mgt Ctr (TMMC).
11	MED EQUIP REP SGT	91A3O	SSG					1	1	1	1	2	2	2		4. Med Lab of TA. 5. HHC of MEDCOM. 6. Hosp Aug Tm (Head & Neck). 7. Spt Tm of MLMC. 8. Div Med Spt Ofc (DMSO) in HHC of CSS Bn. 9. Sup and Svc Sec in Hosp Co w/84 Beds and/or 164 Beds (EAC (TA) and Corps).
12	MED EQUIP REP SGT	91A3O	SSG													1. QA/QC Sec in HHC of Med Log Bn. 2. Med Equip Maint Tm. 3. Med Maint Mgt Div in HHC of Med Log Mgt Ctr (MLMC). 4. Spt Tm of MLMC.
13	MED EQUIP MAINT NCO	91A4O	SFC													1. Principal Med Equip Maint NCO in: a. Bio Med Maint Sec in Hq of Dist Co of Log Spt Bn (Rear). b. Med Maint Div and Spt and Ops Sec in HHC of Med Log Bn. c. Med Maint Spt Sec and/or Med Maint Sec in Log Spt Co of Med Log Bn (Rear). d. Med Maint Sec in HHC of Med Bn. e. Bio Med Maint Mgt Div in HHC of TA Med Mat Mgt Ctr (TMMMC). f. Med Maint Mgt Div in HHC of MLMC (second position will also be graded SSG). 2. Spt Tm in Hq of MLMC.
14	PLATOON SERGEANT	91A4O	SFC													Principal NCO in Plt Hq Sec of: a. Med Log Co. b. Log Spt Co.
15	SR MED MAINT NCO	91A5O	MSG													1. Principal Med Maint NCO in: a. Bn Maint Sec in HHC of Med Log Bn (Rear). Second Med Maint position will be graded SFC. b. Bio Med Maint Mgt Div in HHC of TMMMC. c. Med Maint Mgt Div in HHC of MLMC. Second Med Maint position will be graded SFC and third position graded SSG. d. Log Br in HHC of Med Bde. 2. Med Maint Plt Hq Sec in HHC of Med Bn.
16	Ch Med Maint NCO	91A5O	SGM													Principal Med Maint NCO in DCSLOG in HHC of MEDCOM (TA and Corps).

**Notes:**

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-91A-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	MED EQUIP REP	91A10	PFC	1	1	1	2	2	3	3	4	4	1. Grades of additional positions will be in same pattern. 2. This grading pattern will be used when not specifically identified by any other line.	
2	MED EQUIP REP	91A10	SPC	1	1	2	2	2	2	3	3	4		
3	MED EQUIP REP SGT	91A20	SGT			1	1	2	2	2	2	2		
4	MED EQUIP REP SGT	91A20	SGT	1	2	3	4	4	5				U.S. Army Med Mat Agcy (USAMMA). Use this grading table.	
5	MED EQUIP REP NCO	91A30	SSG					1	1					
6	MED EQUIP MAINT NCO	91A40	SFC	1	1	1	1	1	1	1				
7	MED EQUIP REP SGT	91A20	SGT										1. Principal Med Equip Rep NCO in: a. Sup & Maint Sec in Log Spt Unit (OCONUS) of U.S. Army FORSCOM. b. Log Br of; (1) U.S. Army Inst of Surg Rsch. (2) U.S. Army Rsch Inst of Envr Med. c. Bio Med Tech Br of U.S. Army Aero Med Rsch Lab. d. Fac Mgt Svc Div of U.S. Armed Forces Inst of Path. e. Med Maint Br or Sec and/or Equip Maint Sec in; (1) MEDDAC--(Alaska) (2) MEDDAC--(Fts Knox- (McCoy, RIA and SANGB), McClellan and West Point) (3) MEDCEN--(TAMC-Schoffield Bks) 2. Blood Donor Ctr of MEDCEN (WRAMC). 3. Principal Med Maint NCO in Log Sec of MEDCEN--(DDEAMC and WRAMC) when no other principal NCO is provided.	
8	MED EQUIP REP SGT	91A30	SSG										1. Principal Med Maint NCO in; a. Med Maint Br of U.S. Army Aero Med Ctr (second position graded SGT). b. MEDCEN--(WRAMC) when not provided by line 9. c. Log Dept of WRAIR Sp Fgn Acty. d. Med Maint Br of--MEDDAC (Fts Huachuca, Leavenworth and Lee). e. Log Br of U.S. Army Med Rsch Inst of Chem Def. 2. As second Med Maint NCO position in Med Maint Br of; a. MEDDAC--(Heidelberg) b. MEDDAC--(Fts Carson, Hood, Knox, Monmouth and Leonard Wood). 3. Second Med Maint NCO position in Maint and/or Equip Mgt Br or Maint Rep and/or Biomed Rep Secof MEDCEN--(BAMC, DDEAMC, WAMC and WRAMC). 4. Second and third Med Maint NCO position in Med Maint Brof MEDCEN--(WBAMC). 5. Third Med Maint NCO position in Med Maint Brof MEDCEN--(TAMC). 5. AUGTDA--Care & Preserv Br in HHD of Sup & Svc Bn.	
9	MEDICAL EQUIP MAINT NCO	91A40	SFC										1. Principal Med Maint NCO in; a. Log Spt Br of WRAIR. b. Med Maint and/or Equip Mgt Br or Med Equip Maint and/or Maint Sec of; (1) MEDCEN--(WRAMC). (2) MEDDAC--(Alaska, Heidelberg and Wurzburg). (3) MEDDAC--(Fts Benning, Campbell, Drum, Eustis, Irwin, Knox, Leonard Wood, Monmouth, Polk, Riley, Sill and Stewart). (4) U.S. Army Hlth Care Sys Spt Acty (second position will be graded SSG). (5) U.S. Army Med Rsch Inst of Inf Dis. c. Maint Rep Secin MEDCEN--(BAMC). d. Fac Mgt Br in MEDDAC--(Ft Jackson). e. Bio Med Rep Sec in MEDCEN-(WRAMC).	

**Table 10-91A-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
															2. Second Med Maint NCO in Med Maint Br of MEDCEN-- (MAMC, TAMC and WAMC) when principal Med maint NCO position is graded MSG. 3. Task Force in U.S. Army Hlth Care Sys Spt Acty (second position will be graded SSG). 4. Principal Maint NCO in Med Maint Br of U.S. Army Med Rsch Inst of Inf Dis. 5. AUGTDA--Med Maint Br in HHC of MEDCOM (MTOE).
10 SR MED MAINT NCO	91A50	MSG													Principal Med Maint NCO in; a. Med Maint Br of all MEDCENs (except WRAMC). b. Med Maint Div of U.S. Army Med Mat Ctr EUROPE. c. MEDDAC--(Fts Carson, Hood, Knox and Leonard Wood).
11 CH MED MAINT NCO	91A50	SGM													Principal Med Maint NCO in; a. Maint Engr & Ops Dir of USAMMA. b. Maint Br in Hq of U.S. Army MEDCOM.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-91B-1  
Physical requirements**

Skill level	Task numbers	Tasks
2	1, 2	1. Must possess normal color vision.
3	1, 2	2. Must possess finger dexterity in both hands.
4	1, 2	
5	1	

**Table 10-91B-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
<b>Aid Station Section</b>													
1 AID STATION DRIVER	91B1O	PFC	1	1	1	1	1	1	1	1	1	1	Battery, Company and/or Troop.
2 COMBAT MEDIC SPECIALIST	91B1O	SPC	1	1	2	3	4	5	6	7	8	9	
<b>Litter Bearer Section</b>													
3 LITTER BEARER	91B1O	PFC	1	2	3	3	4	5	6	6	7	8	Grading pattern for litter bearer teams.
4 LITTER BEARER	91B1O	SPC			1	1	1	1	2	2	2		
<b>Ambulance Platoon/Section or Evac Section</b>													
5 AMBULANCE AIDE/DRIVER	91B1O	PFC	1	1	2	2	3	3	4	4	5	5	Grading pattern for ambulance teams.
6 AMBULANCE TEAM LEADER	91B2O	SGT	1	1	2	2	3	3	4	4	5		
<b>Physical Therapy Clinic/Service/Specialty Clinic</b>													

**Table 10–91B–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
7	PHYSICAL THERAPY SP	91B1ON9	SPC		1	2	2	3	4	4	5	5	6		ASI N9 will be used with these positions in: a. PT Svc of CSH.
8	PHYSICAL THERAPY SGT	91B2ON9	SGT	1	1	1	2	2	2	3	3	4	4		b. PT/OT Svc of Evac, Fld and Gen Hosp. c. Sp Clin of Hosp Co when TF Orgn w/164 Beds (Corps and EAC TA).
<b>Aid Station/Medical Section</b>															
9	MEDICAL SPECIALIST	91B1O	PFC			1	1	2	2	3	3	3	4		Type I (Aid Station) Type II (Medical Section/Aid Station).
10	MEDICAL SPECIALIST	91B1O	SPC		1	1	1	1	2	2	2	2	2		Before applying this SG to Med Sec first discount Sec NCO, Cbt Medic Sp, and Amb Aid Dvr.
11	EMERGENCY TREATMENT SGT	91B2O	SGT	1	1	1	1	1	1	1	2	3	3		
12	EMERGENCY TRAETMENT SGT	91B3O	SSG			1	1	1	1	1	1	1	1		
<b>Emergency Treatment Elements/Triage/Pre-Op/EMT Section</b>															
13	MEDICAL SPECIALIST	91B1O	PFC			1	1	1	1	1	1	2	3		Positions in Sp Ops Avn (SOA) will be graded by lines 17-19.
14	MEDICAL SPECIALIST	91B1O	SPC			1	1	1	1	2	2	2	2		
15	EMERGENCY TREATMENT SGT	91B2O	SGT	1	1	1	1	2	2	3	3	3	3		
16	EMERGENCY TREATMENT SGT	91B3O	SSG			1	1	1	1	2	2	2	2		
17	MEDICAL SPECIALIST	91B1O	SPC		1	2	2	2	3	3	4	5	5		1. Sp Ops Avn (SOA).
18	EMERGENCY TREATMENT SGT	91B2O	SGT	1	1	1	1	2	2	2	2	2	3		2. Use with SQI S.
19	EMERGENCY TREATMENT SGT	91B3O	SSG			1	1	1	2	2	2	2	2		
<b>Occupational Therapy Clinic/Service</b>															
20	OCC THERAPY SP	91B1ON3	SPC			1	2	3	4	4	5	5	6		ASI N3 will be used with these positions in:
21	OCC THERAPY SGT	91B2ON3	SGT	1	1	1	1	1	1	2	2	2	2		a. NP Ward and Consult Svc of CSH
22	OCC THERAPY NCO	91B3ON3	SSG	1	1	1	1	1	1	1	2	2	2		b. PT/OT Svc of Fld and Gen Hosp. c. Cbt Stress Con Rest Tm of Med Tm or Med Det and/or Med Co.
<b>Orthopedic Service</b>															
23	ORTHOPEDIC SP	91B1OP1	SPC		1	1	2	3	3	4	4	5	6		ASI P1 will be used with these positions in:
24	ORTHOPEDIC SGT	91B2OP1	SGT			1	1	1	2	2	2	2	2		a. Ortho Cast Svc of CSH, Evac, Fld and Gen Hosp.
25	ORTHOPEDIC SGT	91B3OP1	SSG	1	1	1	1	1	1	1	2	2	2		b. Sp Clin of Hosp Co when TF Orgn with 84 Beds and/or TF w/164 Beds (Corps and EAC TA).
<b>Ear, Nose, and Throat Clinic/Service</b>															
26	ENT SGT	91B2OP2	SGT		1	2	2	3	4	4	5	6	6		ASI P2 will be used with these positions in:
27	ENT SGT	91B3OP3	SSG	1	1	1	2	2	2	3	3	3	4		a. Head and Neck Surg Tm. b. Op Rm "A" of Evac Hosp. c. Sp Clin of Hosp when TF w/164 Beds (Corps and EAC TA).
<b>Optometry, Ophthalmology Clinic/Service</b>															
28	EYE SPECIALIST	91B1OP3	SPC		1	2	2	3	4	4	5	6	6		ASI P3 will be used with these positions in:
29	EYE SERGEANT	91B2OP3	SGT	1	1	1	2	2	2	3	3	3	4		a. Eye Surg Med Tm. b. Opty Sec of Spt Bn, or Main Spt Bn and/or Med Bn (Area Spt Bn). c. Hosp Aug Tm (Head and Neck).
<b>Medical Treatment Team</b>															
30	MEDICAL SPECIALIST	91B1O	PFC			1	1	1	2	2	2	3	3		
31	MEDICAL SPECIALIST	91B1O	SPC			1	1	1	2	2	2	3	3		
32	TREATMENT TEAM SGT	91B3O	SSG	1	1	1	2	2	2	3	3	3	4		
<b>Medical Treatment Squad</b>															

**Table 10-91B-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
33	MEDICAL SPECIALIST	91B1O	PFC		1	1	2	2	2	3	3	3		S1/S4/LOC Sec in HHC of Inf Ranger Bn.
34	MEDICAL SPECIALIST	91B1O	SPC		1	1	1	1	1	2	2	2	2	
35	EMERGENCY TREATMENT SGT	91B2O	SGT		1	1	1	1	1	2	2	2	3	
36	TREATMENT SQUAD LEADER	91B3O	SSG			1	1	1	1	1	2	2		
<b>Ambulance Squad Wheeled (w/no combat medics)</b>														
37	AMB/AIDE DRIVER	91B1O	PFC		1	1	1	2	2	2	3	3	3	4
38	AMB/AIDE DRIVER	91B1O	SPC		1	1	1	2	2	2	3	3	3	
39	AIDE/EVAC NCO	91B2O	SGT			1	1	1	2	2	2	3	3	
<b>Hospital Augmentation Team (special team)</b>														
40	MEDICAL SPECIALIST	91B1O	PFC		1	1	2	2	2	2	3	3	3	
41	MEDICAL SPECIALIST	91B1O	SPC		1	1	1	1	2	2	3	3	3	4
42	EMER TREATMENT SGT	91B2O	SGT			1	1	1	2	2	2	3	3	
<b>Amb Squad Wheeled (w/combat medics)</b>														
43	AMB/AIDE DRIVER	91B1O	PFC		1	1	1	1	2	2	3	3	3	4
44	AMB/AIDE DRIVER	91B1O	SPC		1	1	2	2	2	2	3	3	3	
45	AIDE/EVAC NCO	91B2O	SGT			1	1	1	2	2	2	3	3	
<b>Amb Squad Track Vehicle (in medical company)</b>														
46	AMB/AIDE DRIVER	91B1O	PFC		1	1	1	2	3	3	3	4	5	5
47	AMB/AIDE DRIVER	91B1O	SGT			1	1	1	2	3	3	3	4	
48	AIDE/EVAC NCO	91B3O	SSG		1	1	1	1	1	1	1	1	1	
<b>Amb Squad Track Vehicle (in non-medical company)</b>														
49	AMB/AIDE DRIVER	91B1O	PFC			1	1	1	2					
50	AMB/AIDE DRIVER	91B1O	SPC			1	1	1	2	2				
51	AIDE/EVAC NCO	91B2O	SGT			1	1	1	2	2	2			
<b>Medical Air Ambulance Section/Area Support Medical Evacuation Section and/or Team</b>														
52	FLIGHT MEDIC	91B2O	SGT		1	2	3	4	5	6	7	8	9	Use this grading pattern with these positions and identify with SQI F in: a. Med Air Amb Co. b. Med Air Amb Co (AAst). c. Med Air Amb Co (UH-1V and UH-60).
53	AIR AMB NCO	91B3O	SSG		1	1	1	1	1	1	1	1	1	
<b>Combat Medical Section</b>														
54	COMBAT MEDIC SP	91B1O	SPC											1. Cbt Aidman positions will graded SPC. 2. Principal Med Supv for Cbt Medic Sec will be graded by line 58.
55	MEDICAL SPECIALIST	91B1O	SPC											Use with MOS 91C (Practical Nurse) TOE SG Table for grading Med Sp in: a. Intensive and Surgical Care Ward. b. Intermediate and/or Minimal Care Unit/Ward. c. Dispensary and Clearing Platoon.
56	EMER TREATMENT SGT	91B1O	SGT											1. One Per LA and LC Diving Tm. 2. One per Telemed Tm of Med Det (Telemedicine).
57	EMER TREATMENT SGT	91B3O	SSG											One per LA and/or LB Dredge Tm.

**Table 10-91B-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
58	SECTION NCO	91B30	SSG												<ol style="list-style-type: none"> <li>1. Clearing Platoon.</li> <li>2. Med Sec.</li> <li>3. Aide/Evac Sec</li> <li>4. One per Amb Plt.</li> <li>5. Principal Med NCO in:               <ol style="list-style-type: none"> <li>a. Cbt MedicSec in:                   <ol style="list-style-type: none"> <li>(1) HHC of Engr Co (ACR, Sep Bde.</li> <li>(2) HHC of Engr Bn (AAstt, Abn, Inf, Lid and Hvy Div and Corps)</li> <li>(3) HHD of MP Bn (one per Bn).</li> </ol> </li> <li>b. Co Hq of MP Co (CS) for supervision of Cbt Medics from line 54.</li> <li>c. Fwd Spt Co (MX) of FSB.</li> </ol> </li> <li>6. Plans Sec in HHC of MedBde (as second and third Med NCO position).</li> <li>7. Grading standard does not apply to Aid Sta.</li> </ol>
59	MEDICAL SERGEANT	91B30	SSG												<ol style="list-style-type: none"> <li>1. S2/S3 Sec in HHC of Med Bde.</li> <li>2. S4 Sec in HHD MP Bn.</li> <li>3. DS Tm in CA Det (GS).</li> </ol>
60	CLINIC NCO	91B40	SFC												Principal Med NCO in: <ol style="list-style-type: none"> <li>a. Med Tm OA, OB and OC Disp.</li> <li>b. Specialty Clin of Hosp Co when TF Orgn w/84 Beds and/or 164 Beds (Corps and EAC TA).</li> </ol>
61	EMER TREATMENT NCO	91B40	SFC												<ol style="list-style-type: none"> <li>1. Principal EMT NCO in Emer Trmt Elm and/or Triage/Pre Op/EMT of Hosp.</li> <li>2. Civic Act Tm of CA Det (DS).</li> </ol>
62	PLANS SERGEANT	91B40	SFC												Med Plans NCO in: <ol style="list-style-type: none"> <li>a. Spt Ops Br in HHC of Army Svc Comp Cmd.</li> <li>b. Med Bn or Med Gp and/or Med Bde.</li> <li>c. Div MMC in Hq of DISCOM.</li> <li>d. COSCOM MMC and Spt Plans Br in Hq of COSCOM.</li> <li>e. S2/S3 Sec in HHD of:               <ol style="list-style-type: none"> <li>(1) Surg Hosp.</li> <li>(2) Med Evac Bn.</li> <li>(3) Area Spt Med Bn.</li> </ol> </li> <li>f. G3 Med Plans Sec in HHC of MEDCOM (grade as third Med Plans NCO position).</li> <li>g. Plans Sec in HHC of Med Bde.</li> <li>h. S2/S3 Sec in HHC of Med Bde (Corps and/or COMMZ).</li> </ol>
	SFC														<ol style="list-style-type: none"> <li>1. Prof Svc Tm Hq when comprised with 24 or less teams.</li> <li>2. G3 Sec in HHC of MEDCOM (Corps). Grade as second Med Ops NCO position).</li> <li>3. Div MMC in Hq of DISCOM.</li> <li>4. COSCOM MMC in Hq of COSCOM.</li> <li>5. Med Ops Ctr of Div.</li> <li>6. Spt Ops Sec in HHD of FSB (Hvy Div).</li> <li>7. ABCT Aug-Med Sec.</li> <li>8. Hosp Ops Sec of Hosp.</li> <li>9. Principal Med ops NCO in S2/S3 Sec of Hq &amp; Spt Co.</li> </ol>
64	INTELLIGENCE SGT	91B40	SFC												<ol style="list-style-type: none"> <li>1. Ops Br in HHC of Med Bde (as second Med Intel position).</li> <li>2. Med Ops Ctr in HHC/MMC of DISCOM.</li> <li>3. S2/S3 Sec in:               <ol style="list-style-type: none"> <li>a. HHC of Med Bde (grade as second Intel NCO position).</li> <li>b. HHD of Med Gp.</li> <li>c. HHD of Surg Hosp.</li> <li>d. HHD of Med Evc Bn.</li> <li>e. HHD of Area Spt Med Bn.</li> <li>f. HHD of Corps Spt Med Bn.</li> </ol> </li> </ol>

**Table 10-91B-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
65	MEDICAL NCO	91B4O	SFC													1. Spt Ops Sec in Hq and Main Spt Co of SOSB (Abn). 2. Aid Sta Sec. 3. Med Trmt Sec of SOA. 4. Med Ops Ctr of Div. 5. S2/S3 Sec in HHD of Med Evac Bn. 6. Plans Sec in HHC of Med Bde (EAC TA). Graded SFC as second and third Med Plans NCO positions. 7. Civic Action Tm in CA Det (DS) 8. Principal Med NCO in: a. Med Sec in HHC of MP EPW Bde. b. Med Ops Sec in HHC of MP EPW Cmd. c. Bde Surg Sec of Med Co (FSB). d. Stf Sec in HHC of Scout Gp.
66	PLATOON SERGEANT	91B4O	SFC													1. Principal Med NCO in Plt Hq Sec. 2. Use with SQI F in Med Air Amb Plt Hq.
67	DETACHMENT SER-GEANT	91B4O	SFC													Principal Med NCO in Det Hq Sec with 75 or less soldiers.
68	PLANS NCO	91B5O	MSG													Principal Med Plans NCO in: a. G3 Sec in HHC of MEDCOM. b. Ops and Plans Br in HHC of MEDCOM (TA). c. Plans Br in HHC of MEDCOM (Corps). d. Plans Sec in HHC of Med Bde. e. Plans and Med Sec in HHC of Med Bde (EAC TA).
69	OPERATIONS SER-GEANT	91B5O	MSG													1. Principal Med Ops NCO in Ops and Plans Br in HHC of Army Svc Comp Cmd. 2. Surg/CSS Cell/Rear in HHC of Corps (as second position). 3. G3 Med Plans Sec in HHC of MEDCOM (EAC TA). As second Med Ops NCO position. 4. Ops Sec in HHC of MEDCOM (Corps). 5. Med Gp (as second Med Ops NCO position). 6. Surg Sec in HHC of COSCOM (grade as second position). 7. Med Ops Ctr in HHC/MMC of DISCOM (as second Med Ops NCO position). 8. S2/S3 Sec in: a. HHD of Med Gp (as second Med Ops NCO position). b. HHD of Surg Hosp. c. HHD Med Evac Bn. d. HHD of Area Spt Med Bn. e. HHD of Corps Spt Med Bn. 9. Med Ops Br of Div. 10. Spt Ops Sec in HHD of Corps Spt Med Bn. 11. COSCOM Surg Sec and Ops Br in HHC of Med Bde (as second Med Ops NCO position). 12. Pub Hlth/Den Tm in CA Det (GS).
70	INTELLIGENCE SGT	91B5O	MSG													Principal Med Intel NCO in: a. G2/Scty Sec in HHC of MEDCOM (Corps). b. Ops and Plans Br in HHC of MEDCOM (EAC TA). c. S2/S3 Sec in HHC of Med Bde (EAC TA and Corps). d. Ops Br in HHC of Med Bde. e. Hosp Ctr.
71	SR MEDICAL NCO	91B5O	MSG													Principal Med NCO in: a. Prof Svc Br in HHC of MEDCOM. b. Prof Svc Tm Hq comprised of twenty four or more teams. c. Div (Surg/CSS/Rear) in HHC of Hvy Div (Armor and/or Mech). d. Surg Sec and Trp Spt Br in HHC of COSCOM. e. EPW Cp Ln Tm in HHC of MP Bde. f. Surg Sec in HHC of ADCOM. g. OR/CMS Con Tm in Hosp Unit Base (Gen).
72	SR ADVISOR	91B5O	MSG													Principal Enl Med Advisor in EPW/CI Br LSN Tm in MP Det (EPW/CI) of Br Cp LSN.
73	FIRST SERGEANT	91B5M	1SG													Principal NCO in Med Co Hq with 75 or more soldiers.

**Table 10-91B-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
74	OPERATIONS SER- GEANT	91B5O	SGM												Principal Med Ops NCO in: a. G3 Sec in HHC of MEDCOM (Corps). b. Ops and Plans Br in HHC of MEDCOM. c. Ops Sec in HHC of MEDCOM. d. S2/S3 Sec in: (1) HHC of Med Bde (Corps). (2) HHC of Med Gp. e. Ops Br in HHC of Med Bde. f. Div Med Ops Ctr in HHC/MMC of DISCOM. g. COSCOM MMC in HHC of COSCOM. h. Hosp Ctr.
75	CHIEF MEDICAL NCO	91B5O	SGM												Principal Med NCO in: a. DCSMED Sec in HHC of Army Svc Comp Cmd. b. Med Sec in HHC of Corps Hq. c. DCS/Scty Plans/Ops Sec and Ops Br in HHC of MEDCOM (EAC TA). d. G3 Med Plans Sec in HHC of MEDCOM (Corps). e. Surg/CSS Cell/Rear in HHC of Corps (Abn). f. Surg Sec in HHC of COSCOM. g. Med Sec of MEDCOM and or Med Bde. h. COSCOM Surg Sec and Ops Br in HHC of Med Bde. i. Hosp when not authorized grade CSM.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-91B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<b>Ambulance Section/Service</b>														
1	AMBULANCE AIDE/ DRIVER	91B1O	PFC	1	1	1	2	3	3	3	4	5	5	1. Grades of additional positions will be in same pattern. 2. Emer Trt Ctr or Sec and/or Svc of: a. U.S. Army Medical Center (MEDCEN). b. U.S. Army Medical Department Activity (MEDDAC).
2	AMBULANCE AIDE/ DRIVER	91B1O	SPC			1	1	1	2	3	3	3	4	
3	AMB/EVAC SGT	91B2O	SGT	1	1	1	1	1	1	1	1	1	1	
<b>Physical Therapy Clinic/Service</b>														
4	PHYSICAL THERAPY SP	91B1ON9	SPC	1	1	1	2	3	4	4	5	5	5	ASI N9 will be used with these positions.
5	PHYSICAL THERAPY SGT	91N2ON9	SGT		1	1	1	1	1	2	2	2	3	
6	PHYSICAL THERAPY NCO	91B3ON9	SSG			1	1	1	1	1	1	2	2	
<b>Clinics/TMC/Services/Treatment Team</b>														

**Table 10-91B-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
7	MEDICAL SPECIALIST	91B1O	PFC				1	2	2	2	2	3	3		1. Grading pattern will be used for all positions when not provided by any other line in:
8	MEDICAL SPECIALIST PRACTICAL NURSE	91B1O 91C1O	SPC	1	1	1	1	1	1	1	1	2	2	2	a. Clin of MEDCEN and/or MEDDAC; (1) Trp Med Clin (TMC). (2) Non ASI Sp Clin.
9	EMER TREATMENT SGT	91B2O	SGT			1	1	1	2	2	2	2	3		b. Sec of MEDCEN and and/or MEDDAC: (1) Phy Exam.
10	EMER TREATMENT SGT	91B3O	SSG	1	1	1	1	1	1	2	2	2	2		(2) Commu Hlth Nurse (When function requires nursing skills to monitor patients recovering from extensive invasive procedures and/or general anesthesia or sedation, MOS 91C in grade SPC may be used in lieu of MOS 91B grade SPC).
<b>Emergency Treatment Element</b>															
11	MEDICAL SPECIALIST	91B1O	SPC	1	1	1	1	1	1	1	1	1	2	2	Emer Rm and/or Sec of MEDCEN and/or MEDDAC
12	EMER TREATMENT SGT	91B2O	SGT			1	1	2	2	3	3	3	4		
13	EMER TREATMENT SGT	91B3O	SSG	1	1	2	2	3	3	4	4	4	4		
<b>Occupational Therapy Clinic/Service</b>															
14	OCC THERAPY SP	91B1ON3	SPC	1	1	2	3	4	5	5	5	5	5		ASI N3 will be used with these positions.
15	OCC THERAPY SGT	91B2ON3	SGT	1	1	1	1	1	1	1	2	2	3		
16	OCC THERAPY SGT	91B3ON3	SSG			1	1	1	1	1	1	2	2		
<b>Orthopedic Service</b>															
17	ORTHOPEDIC SP	91B1OP1	SPC	1	1	1	2	3	3	4	4	4	5		ASI P1 will be used with these positions.
18	ORTHOPEDIC SGT	91B2OP1	SGT	1	1	1	1	2	2	2	3	3			
19	ORTHOPEDIC SGT	91B3OP1	SSG			1	1	1	1	1	2	2	2		
<b>Ear, Nose, and Throat Clinic/Service</b>															
20	ENT SPECIALIST	91B1OP2	SPC	1	1	1	2	3	4	4	5	5	5		ASI P2 will be used with these positions.
21	ENT SERGEANT	91B2OP2	SGT	1	1	1	1	1	2	2	2	3			
22	ENT NCO	91B3OP2	SSG			1	1	1	1	1	1	2	2		
<b>Optometry, Ophthalmology Clinic/Service</b>															
23	EYE SPECIALIST	91B1OP3	SPC	1	1	1	2	3	4	4	5	6	6		ASI P3 will be used with these positions.
24	EYE SERGEANT	91B2OP3	SGT	1	1	1	1	1	2	2	2	3			
25	EYE NCO	91B3OP3	SSG			1	1	1	1	1	1	1	1		
<b>Cardiac Catheterization/Non-Invasive Section</b>															
26	CARDIOVASCULAR SP	91B1OY6	SPC	1	1	2	2	2	3	3	3	4			ASI Y6 will be used with these positions.
27	CARDIOVASCULAR SGT	91B2OY6	SGT	1	1	1	1	1	2	2	3	3	3		
28	CARDIOVASCULAR SGT	91B3OY6	SSG			1	1	2	2	2	2	3	3		
29	MEDICAL SPECIALIST	91B1O	SPC												1. Medical Ward (includes all inpatient and same day surgery ward). 2. See SG TDA grading table for MOS 91C.
30	MEDICAL SPECIALIST	91B1O	SPC	1	2	3	4	4	4	5	5	6	6		U.S. Army Hlth Clin in Log Spt Unit (OCONUS) of U.S. Army FORSCOM.
31	EMER TREATMENT SGT	91B2O	SGT					1	2	2	3	3	4		
32	MEDICAL SPECIALIST	91B1O	SPC	1	1	2	2	3	3	4	4	5			U.S. Army Hlth Clin (OCONUS) of U.S. Army CENTCOM.
33	EMER TREATMENT SGT	91B2O	SGT	1	1	2	2	3	3	4	4	5	5		
34	TRAINING NCO	91B3O	SSG												One per in Dept of Retirees (DRETS) in MEDDAC--(Ft Irwin).

**Table 10-91B-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
35	MEDICAL NCO	91B30	SSG												<p>On the basis of on per in:</p> <p>a. Membrane Biochem and Med Neuroscience Br of U.S. Army Walter Reed Inst of Surg Rsch.</p> <p>b. Aeromed Factors Br of U.S. Army Aeromed Rsch Lab.</p>
36	CLINIC NCO	91B30	SSG												<p>1. On the basis of one per in Clin and/or TMC of:</p> <p>a. MEDCEN--:</p> <p>(1) BAMC-(Phys Exam and Cp Bullis).</p> <p>(2) DDEAMC-(C Peds and OB GYN).</p> <p>(3) LRAMC-(Gen Surg).</p> <p>(4) TAMC-(Avn Med, Gen Op and TMC).</p> <p>(5) WAMC-(TMC).</p> <p>(6) WBAMC-(Pre Audit Unit).</p> <p>(7) WRAMC-(C Neuro, PRIMUS Plus, Primary Care Gp, Wellness, Trp Cl and Aeromed Ctr).</p> <p>(8) MAMC (Phys Med and USAHC-Oak).</p> <p>b. MEDDAC--(Fts):</p> <p>(1) Benning-(Fam Prac and Avn).</p> <p>(2) Carson-(Int Med).</p> <p>(3) Drum-(Sp Ancil Spt, Phys Exam and Fam Prac).</p> <p>(4) Eustis-(Dept Med and Surg).</p> <p>(5) Hood-(Phys Exam and Womens Hlth and Midwife).</p> <p>(6) Jackson-(Immun, Cen Admin and Dept of Peds).</p> <p>(7) Knox-(Phys Exam and TMC).</p> <p>(8) Lee-(Gen OP, Phys Exam and TMC).</p> <p>(9) Monmouth-(Hlth (Bay) and Wellness).</p> <p>(10) Polk-(Dept of Fam Prac).</p> <p>(11) Riley-(Amb Care Ctr, Avn Med, Phys Exam and TMC).</p> <p>(12) Sill-(Immun Tm).</p> <p>c. MEDDAC--:</p> <p>(1) Heidelberg-(Phys Exam).</p> <p>(2) Wurzburg-(Urology).</p> <p>2. U.S. Army Aeromed Ctr- (Hyperbaric Med, Immun and Phys Exam).</p> <p>3. AUGTDA--Surg Clin in HHC of MEDCOM (Korea).</p>
37	SECTION NCO	91B30	SSG												<p>1. On the basis of one per in Svc and/or Sec of:</p> <p>a. MEDCEN--:</p> <p>(1) BAMC-(Derm and Gastro)</p> <p>(2) DDEAMC-(Allgy and Immun, Int Med, Gen Surg, Clin, Int Med and Sp Clin).</p> <p>(3) LRAMC-(Gastro, Int Med and Urology).</p> <p>(4) MAMC-(Thorax Surg and Urology).</p> <p>(5) WAMC-(Allgy and Immun, Derm, Hemo/OncI and Gen Surg).</p> <p>(6) WBAMC-(Derm and Gen OP).</p> <p>(7) WRAMC-(EKG, Allgy and Immun, GYN and Gen Peds).</p> <p>b. MEDDAC--(Fts):</p> <p>(1) Benning-(Int Med, Gen Peds and Gen Surg).</p> <p>(2) Campbell-(Int Med, Gen Surg and OB-GYN).</p> <p>(3) Carson-(Comb Resp and EKG, Gen Surg and Urology).</p> <p>(4) Drum-(Gen OP and Info).</p> <p>(5) Eustis-(Gen OP).</p> <p>(6) Hood-(Derm, Gen Med, Gen Surg and Communicable Dis)</p> <p>(7) Irwin-(Phys Exam).</p> <p>(8) Jackson-(Audio, EEG, Gen Surg and GYN).</p> <p>(9) Leonard Wood-(Fam Prac, Gen OP and OB-GYN).</p> <p>(10) McClellan-(Gen Med and Gen Peds).</p> <p>(11) Riley-(Int Med, Gen Surg, Gen OP, Gen Peds, OB-GYN and Fam Prac).</p> <p>(12) Sill-(Int Med, Gen Surg and OB-GYN).</p> <p>(13) Stewart (OB-GYN).</p> <p>c. MEDDAC--:</p> <p>(1) Heidelberg-(Gen OP and Gen Peds).</p> <p>(2) Redstone Arsn-(Gen OP Clin).</p> <p>2. U.S. Army Aeromed Ctr-(Int Med, Gen Surg and OB-GYN).</p>
38	OCC THERAPY NCO	91B40N3	SFC												<p>1. Principal Occ Therapy NCO in Occ Therapy Clinic of:</p> <p>a. MEDCEN--(BAMC, DDEAMC, MAMC, TAMC, WBAMC and WRAMC).</p> <p>b. MEDDAC--(Ft Jackson).</p> <p>c. U.S. Army Inst of Surg Rsch.</p> <p>2. ASI N3 will be used with this position.</p>

**Table 10-91B-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
39	PHYSICAL THERAPY NCO	91B4ON9	SFC												<ol style="list-style-type: none"> <li>1. Principal Phys Therap NCO in Phys Therap Clinic of:               <ol style="list-style-type: none"> <li>a. MEDCEN--(BAMC, DDEAMC, MAMC, TAMC, WAMC, WBAMC and WRAMC).</li> <li>b. MEDDAC--(Fts)-Benning, Campbell, Carson, Hood Huachuca, Jackson, Knox, Leonard Wood, Polk, Riley, Sill, Stewart and West Point).</li> <li>c. U.S. Army Inst of Surg Rsch.</li> <li>d. U.S. Army War College.</li> </ol> </li> <li>2. ASI N9 will be used with this position.</li> </ol>
40	ORTHOPEDIC NCO	91B4OP1	SFC												<ol style="list-style-type: none"> <li>1. Principal Ortho NCO in Ortho Svc of:               <ol style="list-style-type: none"> <li>a. MEDCEN--(BAMC, DDEAMC, MAMC, WAMC, WBAMC AND WRAMC).</li> </ol> </li> <li>2. Principal Ortho NCO in Gen Ortho Svc of:               <ol style="list-style-type: none"> <li>a. MEDCEN--(TAMC).</li> <li>b. MEDDAC--(Fts Belvoir, Benning, Campbell, Hood, Huachuca, Jackson, Knox, Leonard Wood, Riley, Sill and West Point).</li> </ol> </li> <li>3. Principal Ortho NCO in Cast Rm of MEDCEN--(MAMC, TAMC, WBAMC and WRAMC).</li> <li>4. ASI P1 will be used with this position.</li> </ol>
41	ENT NCO	91B4OP2	SFC												<ol style="list-style-type: none"> <li>1. Principal ENT NCO in ENT Clinic of MEDCEN--(BAMC, DDEAMC, MAMC, TAMC, WAMC, WBAMC AND WRAMC).</li> <li>2. ASI P2 will be used with this position.</li> </ol>
42	EYE NCO	91B4OP3	SFC												<ol style="list-style-type: none"> <li>1. Principal Eye NCO in Optometry Sec in:               <ol style="list-style-type: none"> <li>a. MEDCEN--(MAMC).</li> <li>b. MEDDAC--(Fts Jackson and Sill).</li> </ol> </li> <li>2. Principal Eye NCO in Opth Svc in MEDCEN--(BAMC, DDEAMC, MAMC, TAMC, WAMC, WBAMC and WRAMC).</li> <li>3. ASI P3 will be used with this position.</li> </ol>
43	MEDICAL NCO	91B4O	SFC												<p>On the basis of one per in:</p> <ol style="list-style-type: none"> <li>a. Cdr Sec and/or Ofc of the Ch of MEDCEN--(DDEAMC, TAMC, WBAMC and WRAMC).</li> <li>b. Amb Nurs Svc of MEDCEN--(MAMC and WRAMC).</li> <li>c. Hosp of Rgn Spt Cmd as Full Time Spt.</li> <li>d. Bio Chem Ofc (Ft Benning).</li> <li>e. Med Proc Sta.</li> <li>f. Med Sec in U.S. Army Elm of Allied Land Forces (SE Europe).</li> <li>g. HHC in Bn of U.S. Army Inf Sch.</li> <li>h. Dep of Nurs and/or C, Nurs Sec in MEDDAC-(Fts Riley and Stewart).</li> <li>i. Asst Dean/Grad &amp; Cont Ed Ofc in U.S. Army Elm of Unif Svc Univ of Hlth Sci (USUHS).</li> <li>j. Med Co (OCONUS-Sinai) in Log Spt Unit of U.S. Army FORSCOM.</li> <li>k. Log and Fwd Spt Tm and Avn Med Evac OC in Ops Gp of JRTC.</li> <li>l. AUGTDA--Hq of RC Inf Div.</li> <li>m. Pers Proc Br in Hq of USAG (Ft Hood).</li> </ol>
44	PLANS SERGEANT	91B4O	SFC												<ol style="list-style-type: none"> <li>1. Mob and Plans Sec in U.S. Army Hlth Svc Spt Agcy (North ATLANCOM).</li> <li>2. Regional Medical Centers (RMC's)--(North East, South East, Great Plains, North West, European and Pacific).</li> </ol>

**Table 10-91B-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
45	TRAINING NCO	91B2O	SFC												<p>On the basis of one per in:</p> <ol style="list-style-type: none"> <li>a. ACoFS for Pers in U.S. Army Hlth Spt Agcy (N. ATLANCOM).</li> <li>b. Plans, Tng, Mob and Scty Sec in:</li> <li>c. MEDCOM-(WAMC and WRAMC).</li> <li>d. MEDDAC-(Fts Benning, Drum, Knox, Lee, Sill, Stewart and Wainwright).</li> <li>e. Hosp in RC Rgn Spt Cmd (Full Time Support).</li> <li>f. Read Hlth Care Ops Div of MEDCEN-(MAMC).</li> <li>g. Plans, Educ Div and RDINS Tng in MEDDAC-(Ft Leonard Wood).</li> <li>h. Mob, Ed, Tng and Scty Br of U. S. Army Mil Acad (West Point).</li> <li>i. Mob Tm in Div of MEDDAC- (Ft Campbell).</li> <li>j. Read Br in MEDDAC-(Ft Hood).</li> <li>k. Dep of Ed and Tng in MEDDAC -(Ft Jackson).</li> <li>l. DCDR and Adj Br of U.S. Army Med Rsch Inst of Chem Def.</li> <li>m. Hosp Co of MEDCEN (WRAMC - two positions graded SFC).</li> </ol>
46	AMBULANCE SEC NCO	91B4O	SFC												<p>On the basis of one per in Amb Svc and/or Sec, Pnt Trans, Amb Med Tm and/or Clin Spt of:</p> <ol style="list-style-type: none"> <li>a. MEDCEN--(BAMC, TAMC, WBAMC and WRAMC).</li> <li>b. MEDDAC--(Fts Campbell, Drum, Huachuca, Irwin, Knox, Lee, McClellan, Sill, Stewart and West Point).</li> </ol>
47	DETACHMENT SGT	91B4O	SFC												Principal Med NCO in Det Hq Sec with 75 or less soldiers.
48	OPERATIONS SER-GEANT	91B4O	SFC												<ol style="list-style-type: none"> <li>1. Plans, Tng, Mob and Scty Sec in:</li> <li>a. MEDDAC--(Fts Benning, Drum, Eustis and Sill).</li> <li>b. MEDDAC--(Keidelberg).</li> <li>2. Plans and Ops Br of U.S. Army Inst of Envir Med.</li> <li>3. Med Det and Med Co of MEDCEN (TAMC).</li> <li>4. Depl Ops Br in U.S. Army Hlth Svc Spt Agcy of USAPAC.</li> <li>5. Hosp in RC Rgn Spt Cmd (Full Time Spt).</li> <li>6. Hq or Co or Det Hq and/or Op and Tng Sec of MEDCEN--(BAMC, DDEAMC, LRAMC, TAMC, WAMC and WRAMC).</li> <li>7. Med and/or Hosp Co of:</li> <li>a. MEDDAC--(Fts Leonard Wood and Stewart).</li> <li>b. U.S. Army Med Rsch Inst of Inf Dis.</li> <li>8. Pgms Div in MEDDAC--(Ft Carson).</li> <li>9. Nurs and Ed and SD Svc in MEDDAC--(Ft Leavenworth).</li> <li>10. Dept of Fam Prac in U.S. Army Elm of USUHS.</li> <li>11. Ops Div in U.S. Army Elm of Ops Test and Eval Agcy.</li> <li>12. Phys Asst Br and Stu Co and Tng Bn of AMEDDC&amp;S.</li> <li>13. Dept of Rets in MEDDAC-- (Ft Irwin).</li> <li>14. AUGTDA--Ops Spt Br in Hq of 7th U.S. Army/USAREUR.</li> <li>15. AUGTDA--Pers and Admin Sec in HHC of Med Bde.</li> </ol>

**Table 10-91B-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
49	CLINIC NCO	91B40	SFC													<p>1. Clinic Med NCO (one per when authorized) in:</p> <p>a. MEDCEN --:</p> <p>(1) BAMC-(Acute Care, Triage, TMC, Comp Hlth Care Ctr and Peds Sp).</p> <p>(2) DDEAMC-(Hlth Clin--(Connelly) and Clin Annex.</p> <p>(3) LRAMC-(Fam Prac, C, COD and Gen OP).</p> <p>(4) TAMC-(Fam Prac, Phys Exam, Acute Care Sp, TMC--(PTA, #1 and #3).</p> <p>(5) WAMC-(OP Hlth, Phys Exam, Hlth Clin--(Gen Robinson), TMC--(12, 13, 15 and 17) and Fam Prac--(SBH) and COSCOM Fam Prac).</p> <p>(6) WBAMC-(Phys Exam, TMC--(MCGregor) and Div OP).</p> <p>(7) WRAMC-(Fam Hlth Ctr, Hlth Clin--(AP Hill, FIG, McNair and Gen Op and Ft Detrick), Sp Clin--(I and II), Prin Care, Amb Med and Trp Clin--APG).</p> <p>(8) MAMC (APCC, USAH-POM/FHL/YAK, C, soldier care, Peds, Ob-Gyn, Acute Care &amp; Triage, C, TMC, Phys Exam, Occ Hlth (UMATILLIA) and TMC #5).</p> <p>b. MEDDAC--(Fts):</p> <p>(1) Benning-(Gen OP, TMC--(#1, 2, 5, 6, 7, 11, 12 and Recp Sta; and Winder Fam Prac Clin).</p> <p>(2) Campbell-(Prim Care--(Red, White and Blue), TMC--(2, 3, 4, 5, 7, and 8) and Phys Exam).</p> <p>(3) Carson-(Fam Prac, TMC--(2, 3, 5 and 7) and Peds).</p> <p>(4) Drum-(C, Prim Care Med).</p> <p>(5) Eustis (Hlth Clin--(FS)).</p> <p>(6) Hood-(Fam Prac--(1, 2 and 3), TMC--(1, 2, 6, 9, 10, 12 and ICD CONS).</p> <p>(7) Huachuca-(Comm Care Ctr--(1 and 2) and OP Clin).</p> <p>(8) Irwin-(Fam Prac).</p> <p>(9) Jackson-(Phys Exam, TMC, and Fam Hlth Ctr).</p> <p>(10) Knox-(Gen Med, Fam Clin--(Ireland, 2 and 3), Hlth Clin--(RIA, SANGB, McCoy), NMMC, and Rcpt Med Pros Sp).</p> <p>(11) Leavenworth-(Acute Care, TMC--(USDB) and Prim Care).</p> <p>(12) Lee-(Hlth Clin--(PICK)).</p> <p>(13) Leonard Wood-(TMC).</p> <p>(14) Monmouth-(Sp Clin--(Surg), Prim Care Clin--(1 and 2) and Hlth Clin--(AINS)).</p> <p>(15) McClellan-(Guardian--(PC#1), Dragon--(PC#2) and Cane Creek (PC#3)</p> <p>(16) Polk-(Phys Exam, TMC--(A, B and C).</p> <p>(17) Riley-(TMC--(4, 7 and 8)).</p> <p>(18) Sill-(Phys Exam, Hlth Clin--(PNB and MCA), TMC--(2 and Chaffee) and FP Clin--(Reynolds, #1, 2, 3 and 4 Avn Med).</p> <p>(19) Stewart-(Amb Med and SFHC--(#1, 2 and 3).</p> <p>c. MEDDAC--:</p> <p>(1) Alaska-(Urgn Care Ctr).</p> <p>(2) Heidelberg-(Gen OP, Fam Prac and Peds).</p> <p>(3) Redstone Arsn-(TMC).</p> <p>(4) West Point-(Prim Care, Hlth Clin--(SAFHC) and TMC--(Cadet)).</p> <p>(5) Wurzburg-(Gen OP).</p> <p>2. Disp of UN Cmd Scty Force.</p> <p>3. U.S. Army Hlth Clin--(N and S Base)in Log Spt Unit (OCONUS) of U.S. Army FORSCOM.</p> <p>4. AUGTDA--TMC-(Cp Edward and Stanley) in HHC of MED-COM.</p>
50	SECTION NCO	91B40	SFC													<p>1. Principal Med NCO (one per when authorized) in:</p> <p>a. MEDCEN Svc and/or Sec of</p> <p>(1) BAMC-(Hemo Onco, Int Med and OB-GYN).</p> <p>(2) DDEAMC-(Fam Prac and Med Exam).</p>



**Table 10-91B-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
52	SR TRAINING NCO	91B50	MSG												1. On the basis of one per: a. MEDCEN--: (1) BAMC-(PTM&S Div). (2) LRAMC-(Ops and Tng Div). (3) WBAMC-(PTM&S Div). b. MEDDAC--(Ft Monmouth-(PTM&S Div). c. MEDDAC--(Heidelberg-(PTM&S Div). 2. Ofc of the Cdr of U.S. Army Rsch and Mat Cmd. 3. Regional Medical Commands (RMC)--(NE, SE, GP, NW, European and Pacific).
53	FIRST SERGEANT	91B5M	1SG												1. Principal NCO in Co Hq with 75 or more soldiers. 2. Med Hold Co of MEDCEN.
54	OPERATIONS SER-GEANT	91B50	MSG												1. On the basis of one per in: a. MEDCEN--: (1) DDEAMC-(Ops and Tng Div). (2) MAMC-(C, Read Hlth Care Ops). (3) WAMC-(PTM&S Div). (4) WRAMC-(Med Adv (MDW), Hosp Co and POMS Div). b. MEDDAC--(Fts): (1) Benning-(PTM&S Div) (2) Campbell-(Med Tm Div). (3) Carson-(Ed and Read Div). (4) Hood-(Read Br). (5) Huachuca-(MOB, Ed and Tng Sec). (6) Jackson-(PTM&S Div). (7) Knox-(PTM&S Div). (8) Leavenworth-(Trmt Plan Br). (9) Lee-(PTM&S Div). (10) Monmouth-(PTM&S Div). (11) McClellan-(Ops Div). (12) Polk-(PTM&S Div). (13) Riley-(MOB, Ed and Tng Div). (14) Sill-(PTM&S Div). (15) Stewart-(PTM&S Div). c. MEDDAC--: (1) Heidelberg-(PTM&S Div). (2) Redstone Arsn-(PTM&S Div). (3) West Point-(MOB, Ed and Scty Div). 2. Hq Co of U.S. Army Ctr Hlth Prom and Pvt Med. 3. Med Rsch Det (Bethesda) of WRAIR. 4. Ops Div of U.S. Army Hlth Svc Spt ("A" Pacific). 5. Ops and Tng Div of U.S. Army Hlth Svc Spt ("N" Pacific). 6. Med and Plans Div in U.S. Army Elm of U.S. European Cmd Hq. 7. Ops and Tng Div of U.S. Army Aeromed Ctr. 8. Dept Plans, Tng and MOB Sec in USAG (Ft Detrick). 9. AUGTDA--Ofc of the Surg in Hq of USAREUR and 7th Army. 10. AMEDD Pers Prop Dir. 11. Regional Medical Commands (RMC)--(NE, SE, GP, SW, European and Pacific). 12. AMEDD Ctr & Sch: a. Force Intgr Sec (Asst Cdr). b. Dir of Med Evac Prop Sec or Br.
55	SR CLINIC NCO	91B50	MSG												1. On the basis of one per in: a. MEDCEN--: (1) LRAMC-(Ofc of the Cdr). (2) TAMC-(Dept PCCM and OIC). (3) WBAMC-(Ofc of the Cdr-(McAfee Hlth Clinic). (4) WRAMC-(Ofc of the Cdr (Sp Clin and Kirk Hlth Clin)), Dept PCCM and Primus Clin (DeWitt). b. MEDDAC--: (1) Ft Carson-(Dugway Hlth Clin). (2) Ft Huachuca (Admin Sec).

**Table 10-91B-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
56 OPERATIONS SGT	91B5O	SGM												1. On basis of one per in: a. MEDCEN--: (1) BAMC-(PTM&S Div). (2) DDEAMC-(PTM&S Div). (3) LRAMC-(Ops and Tng Div). (4) MAMC-(Read Hlth Care Ops). (5) TAMC-(PTM&S Div). (6) WAMC-(PTM&S Div). (7) WBAMC-(PTM&S Div). (8) WRAMC-(PTM&S Div). b. MEDDAC--(Ft Hood-(Read Br)). 2. Read Div in Hq of MACOM (U.S. Army MEDCOM).
57 CHIEF MEDICAL NCO	91B5O	SGM												1. On the basis of one per in: a. MEDCEN and MEDDAC with 300 or less soldiers. b. Trp Cmd of MEDCEN not authorized grade CSM. c. Ofc of the Cdr of ISR. d. Ofc of the Dir of WRAIR. e. MEDDAC--Ofc of the Cdr (Fts Eustis, Huachuca, Irwin, Leavenworth). 2. AMEDD C&S: a. Btl Lab Spt Elm. b. Dir of Cbt and Doc Dev Br. c. Indv Tng and Policy Br. d. Asst Cdr for Force Intgr. 3. SGS Ofc in Hq of MEDCOM (MACOM). 3. U.S. Army Hq (2nd). 4. U.S. Army Med Rsch Inst of Inf Dis. 5. AUGTDA--Ofc of the Surg in Hq of USAREUR and 7th Army. 6. Regional Medical Commands (RMC)--(NE, SE, GP, SW, European and Pacific).

Notes:

<sup>1</sup> \*Blank spaces in this column indicates not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-91C-1  
Physical requirements**

Skill level	Task numbers	Tasks
2	1, 3, 4, 5	1. Frequently lifts 180 pounds and carries short distances as part of a 4 soldier team (prorated 45 pounds).
3	2, 4, 5	2. Occasionally lifts 25 pounds and carries short distances.
4	2, 4, 5	3. Occasionally pushes 50 pounds short distance.
5	4	4. Must possess normal color vision. 5. Must possess finger dexterity in both hands.

**Table 10-91C-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
<b>Intensive Care Ward/Acute Care Ward</b>													

**Table 10–91C–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	PRACTICAL NURSE	91C1O	SPC	1	1	2	2	3	3	4	4	5	5	1. Grades of additional positions will be in same pattern. 2. Principal Ward (Wd) NCO position will be titled Wardmaster (one per) when not provided by line 26. 3. Recov and Hld Sec in Hq and Main Spt Co (SOSB). Use with SQI "S" with these positions.
2	PRACTICAL NURSE WARDMASTER	91C2O	SGT		1	1	2	2	3	3	4	4	5	
<b>Intermediate Care Ward</b>														
3	MEDICAL SPECIALIST	91B1O	PFC	1	1	1	1	1	1	2	2	3	3	Principal Wd NCO position will be titled Wardmaster (one per) when not provided by line 25.
4	MEDICAL SPECIALIST	91B1O	SPC			1	1	1	2	2	2	2	2	
5	PRACTICAL NURSE	91C1O	SPC	1	1	1	2	2	2	2	2	2	3	
6	PRACTICAL NURSE WARDMASTER	91C2O	SGT			1	1	1	1	2	2	2	2	
<b>Minimal Care Ward</b>														
7	MEDICAL SPECIALIST	91B1O	PFC			1	2	2	3	3	3	3	4	Principal Wd NCO position will be titled Wardmaster (one per) when not provided by line 23.
8	MEDICAL SPECIALIST	91B1O	SPC	1	1	1	2	2	2	2	3	3	3	
9	PRACTICAL NURSE	91C1O	SPC	1	1	1	1	1	1	2	2	2	2	
10	PRACTICAL NURSE WARDMASTER	91C2O	SGT									1	1	
<b>Patient Holding Section/Squad</b>														
11	MEDICAL SPECIALIST	91B1O	PFC	1	1	1	2	2	2	2	2	2	3	1. Use this grading pattern in Patient Holding Sec and/or Sqd or Pnt Spt Sec. 2. Principal Ward Nurse NCO (one position) will be titled Wardmaster.
12	MEDICAL SPECIALIST	91B1O	SPC		1	1	1	2	2	2	2	2	2	
13	PRACTICAL NURSE	91C1O	SPC	1	1	1	1	1	1	2	2	3	3	
14	PRACTICAL NURSE WARDMASTER	91C2O	SGT			1	1	1	1	2	2	2	2	
<b>Renal Dialysis Team</b>														
15	RENAL DIALYSIS SP	91C1OM3	SPC	1	1	2	2	3	3	4	4	5	5	Use this standard for positions with ASI M3.
16	RENAL DIALYSIS NCO	91C2OM3	SGT	1	1	2	2	3	3	4	4	5	5	
<b>Clearing Platoon</b>														
17	MEDICAL SPECIALIST	91B1O	PFC		1	1	1	1	2	2	2	3	Practical Nurse positions not authorized in dispensaries not authorized/required patient holding capacity.	
18	MEDICAL SPECIALIST	91B1O	SPC	1	1	1	1	1	1	1	2	2		
19	PRACTICAL NURSE	91C1O	SPC						1	1	1	1	1	
20	MEDICAL NCO	91B2O	SGT	1	1	1	2	3	3	3	3	3	3	
21	PRACTICAL NURSE	91C2O	SGT							1	1	1		
22	PRACTICAL NURSE	91C1O	SPC											1. Grading standard will be used when not specifically identified by any other line. 2. Any additional nurse positions will also be graded SPC only.
23	WARDMASTER	91C2O	SGT											Principal Wd Nurse NCO (one per): a. Min Care Wd. b. Inpatient Med Tm.
24	PRACTICAL NURSE	91C3O	SSG											1. Principal Nurse NCO in: a. Med Sqd (Surg) of Med Det (Surg) second nurse position will be graded SGT). b. Surg Sqd of Med Co (Sep Bde) second nurse position will be graded SGT. 2. Fwd Surg Tm of Med Tm (subsequent Nurse positions will also be graded SSG).
25	WARDMASTER	91C3O	SSG											Principal Wd Nurse NCO (one per) Intmed Care Wd.
26	WARDMASTER	91C4O	SFC											Principal Wd Nurse NCO (one per) Acute and/or Intensv Care Wd.

**Table 10-91C-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
27	ASST CH WARDMASTER	91C40	SFC													1. Ch Nurse Svc and/or Sec (one per) CSH, Fld, MASH, Sta Hosp and Hosp Unit w/248 Beds. 2. Nurs Svc Con Tm in Base Hosp Unit (Fld). 3. Hosp Co of CSH (Surg Bn) w/248 Beds (this position retained with Hosp when TF organized for split base operations w/164 Bed supporting EAC (TA) and/or Corps. 4. Hosp Co w/164 Beds (EAC TA and Corps)
28	ASST CH WARDMASTER	91C50	MSG													Ch Nurse Sec in HHC of Gen Hosp.
29	CHIEF WARDMASTER	91C50	MSG													Principal Nurse NCO in: a. Ch Nurse Svc and/or Sec (one per) CSH, Fld, MASH, Sta Hosp. b. Hosp Co of CSH w/248 (164 and 84 Beds).
30	CHIEF WARDMASTER	91C50	SGM													Principal Nurs NCO in Ch Nurse Svc or Sec and/or Nurs Svc Con Tm (one per): a. Gen Hosp. b. HHC in MEDCOM EAC (TA) and/or Corps.

**Notes:**

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-91C-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
<b>Medical/Surgical/Cardiac/Neonatal IntensiveCare/ Same day Surgery/Recovery Units and U.S. ArmyInstitute of Surgical Research (ISR)</b>																
1	PRACTICAL NURSE	91C10	SPC	1	1	2	2	3	3	4	4	5	5			One position in grade SGT will be titled "Wardmaster" as the principal NCO on the Ward or work center.
2	PRACTICAL NURSE WARDMASTER	91C20	SGT		1	1	2	2	3	3	4	4	5			
<b>All other wards</b>																
3	MEDICAL SPECIALIST	91B10	PFC	1	1	1	1	2	2	2	2	3	3			One position in grade SGT will be titled "Wardmaster" as the principal NCO on the Ward or work center.
4	MEDICAL SPECIALIST	91B10	SPC			1	1	1	1	2	2	2	2			
5	PRACTICAL NURSE	91C10	SPC	1	1	1	1	2	2	2	2	2	3			
6	PRACTICAL NURSE WARDMASTER	91C20	SGT			1	1	1	1	2	2	2	2			
<b>Renal Dialysis Unit</b>																
7	RENAL DIALYSIS SGT	91C20M3	SGT		1	2	3	3	4	5	5	6	7			1. One position in grade SSG will be titled "Wardmaster" as the principal NCO in workcenter. 2. Refer to line 14 and 17.
8	RENAL DIALYSIS SGT	91C30M3	SSG	1	1	1	1	2	2	2	3	3	3			
<b>Nursing Education and Training Service/Section</b>																
9	PRACTICAL NURSE IN- STR	91C30	SSG	1	1	2	2	3	3	4	4	5	5			1. SQI "H" will be used with instructor positions. 2. Plans, Educ, RDINS, Tng, and Scty Div of MEDDAC--Ft Leonard Wood.
10	PRACTICAL NURSE IN- STR	91C40	SFC		1	1	2	2	3	3	4	4	5			
11	PRACTICAL NURSE	91C10	SPC													1. In clinics where function requires nursing skills to monitor patients recovering from extensive/invasive procedures and/or general anesthesia/sedation. 2. When required one position in MOS 91C grade SPC may be substituted in lieu of MOS 91B grade SPC from line 8 of 91B SG TDA grading table.

**Table 10-91C-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
12	PRACTICAL NURSE	91C30	SSG													1. Practical Nurse in Ctr, Svc and/or Sec of: a. MEDCEN--: (1) BAMC-(Inf Con Ctr). (2) LRAMC-(OR Nurs Svc, Pre Adm Unit and Com Hlth Nsg Svc). (3) MAMC-(Com Hlth Nurs). (4) TAMC-(Inf Con Ctr). (5) WBAMC-(Inf Con Ctr). (6) WRAMC-(SD Surg Svc and Clin Nurs Svc). b. MEDDAC--(Fts)-: (1) Hood-(Com Hlth Nurs). (2) Jackson-(Ch Nurs Svc and QI Ofc). (3) Lee-(Dept Nurs Svc). (4) Leonard Wood-(Diag Radl Sec, Hlth Prom Ctr, Immun Tm and Infec Con and Nurs QA). (5) McClellan-(Ch Nurs Svc). (6) Polk-(Ch Nurs Svc). (7) Riley-(EP1 and DCON Sec). b. MEDDAC--: (1) Alaska-(Com Hlth Nurs). (2) Heidelberg-(Hlth Risk Appr). 2. U.S. Army Hlth Clin (OCONUS) of U.S. Army Forces (CENTCOM). 3. U.S. Army Hlth Clin in Log Spt Unit (OCONUS) of U.S. Army FORSCOM (One per base) 4. DOD MERB in U.S. Army Elm of U.S. Air Force Acty (three positions graded SSG). 5. U.S. Army Inst of Surg Rsch (ISR). a. Intn'l Med and Surg Study Br. b. Ward (Nurs Sec-three Mos 91C positions graded SSG). c. Ward (ICU CCU Sec-seven MOS 91C positions graded SSG).
13	WARDMASTER	91C30	SSG													1. Principal Ward NCO in: a. MEDCEN--: (1) BAMC-(Mix Surg Wd's, CU & Thorx Wd, Gyn Wd, Hemo/Oncol Wd, Mix Med WD, Ortho Wd and Short Sty OB Ctr). (2) DDEAMC-(Recov Rm). (3) LRAMC-(SDS/Pre Admin Unit, Gen Ped and Newborn Nsry Wd's an Recov Rm). (4) MAMC-(Gen Med, Med Surg, OB, Surg and Surg (Ortho) Wd's and Neonatal ICU). (5) TAMC-(ANCC, Gen Med, Mix Surg, Neonatal ICU and IP Transp Unit, OB, Ortho, Ped Med, Ped Surg and Telemetry Wd's and in Pre Admin Unit and Recov Rm). (6) WBAMC-(Inf Con Ctr, Gen Ped, Interm Care, Recv Rm, Neo Natal ICU, and in Cardio, Gen Ped, Interm Care, Labor and Del, Mix Med, OB, Ortho and Same Day Surg Wd's) and in Dept of Nurs (three positions will be graded SSG and titled "Asst Ch Wd Master") and CCU. (7) WRAMC-(GYN, Labor and Delvr, Med Surg, Newborn Nursy, OB and OB (L&D Newborn) Wd's and in CCU, Comb Med ICU, Neonatal ICU, PA CU and Recv Rm). (8) WAMC-(Gen Med Wd, Gen Ped Wd, Mix Med Wd (femal), Newborn Nursy andRecv Rm). b. MEDDAC--(Fts): (1) Benning-(Intermed Care, Mix Med Surg Wd's, Lav & Del Wd, Newborn Nursy, OB Wd and Recv Rm). (2) Campbell-(Gen Ped, Labor and Dev, Med, Newborn Nursy, OB-GYN and Surg Wd's and Comb Med ICU). (3) Carson-(Labor and Dev, Newborn Nursy, OB, Surg, Surg (Ortho) Wd's and Recov Rm and Gen Ped Wd).



**Table 10-91C-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
16	CLINICAL NCO	91C4O	SFC													1. Supervision of day, evening, night and/or relief shifts in Ch Dept of Nurs of: a. MEDCEN-- (1) MAMC-(two positions will be graded SFC). (2) TAMC-(two positions will be graded SFC). (3) WAMC-(two positions will be graded SFC). (4) WRAMC-(five positions will be graded SFC). b. MEDDAC--(Fts): (1) Benning-(two positions will be graded SFC). (2) Campbell-(one position graded SFC). (3) Eustis-(one position graded SFC). (4) Huachuca-(one position graded SFC). (5) Sill-(three positions will be graded SFC). (6) Jackson-(two positions will be graded SFC). c. MEDDAC--: (1) Heidelberg-(one position graded SFC). (2) Redstone Arsn-(one position graded SFC). (3) U.S. Army Aeromed Ctr. 2. One Clin NCO per: a. MEDCEN--in; (1) DDEAMC-(Dept of Nurs and Nurs Svc and C, Med Nurs). (2) WRAMC-(Nurs Svc and Orgn Trans Svc). b. MEDDAC--(Fts): (1) Benning-(CM&CHC, C Med Nurs and C Surg Nurs). (2) Campbell-(CM&CHC and C Sur Nurs). (3) Carson-(Dept of Hosp Svc). (4) Hood-(CM&SHC and C Med and Surg Nurs Svc). (5) Knox-(Ofc of the Cdr and C Surg Svc Tm). (6) Leonard Wood-(Ofc of the Cdr). (7) Polk-(Clin Nurs Svc, CM and CHC). (8) Riley-(Dept of Nurs and ICU Nurs Svc). 3. Nurs Svc Br in U.S. Army Inst of Surg Rsch (ISR).
17	WARDMASTER	91C4OM3	SFC													Principal Dialysis NCO in Hemodialysis Unit in MEDCEN of BAMC, DDEAMC and WRAMC.
18	CH PRAC NURSE IN-STR	91C5O	MSG													1. Principal NCO instructor in: a. Practical Nurse Crs of AMEDD Ctr and Sch. b. Nurs Ed and Tng Svc and/or Sec of a MEDCEN. 2. SQI "H" Will be used with this position.
19	SENIOR CLINICAL NCO	91C5O	MSG													1. One Sr Clin NCO per: a. MEDCEN--: (1) BAMC-(C Nurs Svc, C, Med Nurs, C Surg Nurs and C ICU). (2) LRAMC-(C Nurs Svc, C Mat and Child Hlth Svc). (3) MAMC-(C Med Nurs (Med Surg), C Mat and Child Hlth Svc and C ICU). (4) TAMC-(C Med Nurs, C Surg Nurs, C Mat and Child Hlth Svc). (5) WAMC-(C Med Nurs, C Surg Nurs, C Mat and Child Hlth Svc). (6) WBAMC-(C Dept of Nurs, C Nurs Svc, C Med Nurs, C Surg Nurs, C Mat and Child Hlth Svc). (7) WRAMC-(C Nurs Svc, C Crit Care Nurs, C Med Nurs, C Surg Nurs, C Med Surg Svc and Dep Cdr of Nurs). b. MEDDAC--(Fts):

**Table 10-91C-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
															(1) Campbell-(C Dept of Nurs). (2) Carson-(Ofc of the Cdr and C Med Nurs). (3) Eustis-(C Nurs Svc) (4) Hood-(C Nurs Svc). (5) Huachuca-(C Nurs Svc). (6) Knox-(Ofc of the Cdr). (7) Leavenworth-(C Nurs Svc). (8) Leonard Wood-(Ofc of the Cdr). (9) Polk-(C Nurs Svc). (10) Riley-(C Dept of Nurs). (11) Sill-(C Nurs Svc). (12) Stewart-(C Nurs Svc). (13) Jackson-(Dept of Nurs). (14) Benning-(C, Dept Nurs (two positions will be graded MSG)). (15) Irwin-(C, Dept Nurs). c. MEDDAC--: (1) Heidelberg-(C Nurs Svc). (2) West Point-(Hosp Svc Admin). (3) Alaska-(C, Dept Nurs (two positions will be graded MSG). 2. Clin Div of U.S. Army Inst of Surg Rsch.
20 ASST CLINICAL NCO	91C50	MSG													MEDCEN--: a. BAMC-(Clin Nurs Spt Svc four positions will be graded MSG). b. MAMC-(C Nurs Svc two positions will be graded MSG). c. TAMC-(C Nurs Svc two positions will be graded MSG). d. WAMC-(C Nurs Svc two positions will be graded MSG).
21 CH CLINICAL NCO	91C50	SGM													1. Principal Clin NCO in C Dept of Nurs and/or Nurs Svc of: a. MEDCEN--(BAMC, DDEAMC, LRAMC, MAMC, TAMC, WAMC, WBAMC and WRAMC). b. MEDDAC--(Ft Hood). 2. Principal Clin NCO in the Dir of Clin Ops of MACOM (U.S. Army Medical Command).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-91D-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2	1. Frequently pushes 600 pounds on hydraulic wheels for short distances as part of a team.
2	1, 2	2. Occasionally lifts 180 pounds as part of a 4 soldier team (prorated 45 pounds).
3	2	
4	2	

**Table 10-91D-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
<b>Surgical Squad/Clearing Platoon/Treatment Section/Operational Area Teams</b>															
1 OPERATING ROOM SP	91D10	SPC		1	1	2	2	2							
2 OPERATING ROOM SGT	91D20	SGT		1	1	2	2	3	4						

**Operating Room**

**Table 10-91D-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
3	OPERATING ROOM SP	91D1O	PFC				1	2	3	3	3	3	3	3	Use this grading pattern for positions in OR of:
4	OPERATING ROOM SP	91D1O	SPC	1	1	1	1	1	1	2	2	2	2	2	a. MASH.
5	OPERATING ROOM SGT	91D2O	SGT		1	1	1	1	1	1	2	3	3		b. CSH.
6	OPERATING ROOM NCO	91D3O	SSG		1	1	1	1	1	1	1	1	2		c. Evac.
<b>Centralized Materiel Services (CMS)</b>															
7	CMS SPECIALIST	91D1O	PFC	1	1	2	2	2	3	3	4	4	4	4	Use this grading pattern for positions in CMS of:
8	CMS SPECIALIST	91D1O	SPC		1	1	1	1	1	2	2	2	3		a. MASH.
9	CMS SERGEANT	91D2O	SGT			1	1	1	1	1	2	2			b. CSH.
10	CMS NCO	91D3O	SSG				1	1	1	1	1	1			c. Evac.
<b>Operating Room, Hospital Unit Base, Combat Support/Field/General Hospitals (MF2K)</b>															
11	OPERATING ROOM SP	91D1O	PFC		1	1									Use this grading pattern for OR positions in OR of:
12	OPERATING ROOM SP	91D1O	SPC	1	1	1	1								a. Hosp Unit (Surg Fwd).
13	OPERATING ROOM SGT	91D2O	SGT	1	1	1									b. Head and Neck Surg Tm.
14	OPERATING ROOM NCO	91D3O	SSG				1								c. OR/CMS in a Hosp Co w/84 and/or 164 Beds (EAC (TA) and Corps).
<b>Operating Room, Hospital Unit Surgical, CombatSupport/Field/General Hospitals (MF2K)</b>															
15	OPERATING ROOM SP	91D1O	PFC	1	1	1	1	2	3	3	4	4	4		
16	OPERATING ROOM SP	91D1O	SPC		1	1	1	1	1	2	2	3	3		
17	OPERATING ROOM SGT	91D2O	SGT		1	1	1	1	1	1	1	2			
18	OPERATING ROOM NCO	91D3O	SSG			1	1	1	1	1	1	1			
<b>Centralized Materiel Services, Hospital, Unit Base, Combat Support/Field/General Hospitals MF2K)</b>															
19	CMS SPECIALIST	91D1O	PFC		1	1	1								Use this grading pattern for CMS positions in OR/CMS of a Hosp Co w/84 and/or 164 Beds (EAC (TA) and Corps).
20	CMS SPECIALIST	91D1O	1		1	1	1								
21	CMS SERGEANT	91D2O	SGT			1	1								
22	CMS NCO	91D3O	SSG				1								
<b>Centralized Materiel Services, Hospital, Unit Surgical, Combat Support/Field/General Hospitals MF2K)</b>															
23	CMS SPECIALIST	91D1O	PFC		1	1									
24	CMS SPECIALIST	91D1O	SPC		1	1	1								
25	CMS SERGEANT	91D2O	SGT	1	1	1	1								
26	CMS NCO	91D3O	SSG				1								
27	OPERATING ROOM SP	91D1O	SPC		1	1	2	2							Use this grading pattern for OR positions in:
28	OPERATING ROOM SGT	91D2O	SGT	1	1	1	1	2							a. Fwd Surg Tm and/or Fwd Surg Tm (MSB) of Div.
29	OPERATING ROOM NCO	91D3O	SSG		1	1	1								b. Med Det (Surg).
30	SR CMS NCO	91D4O	SFC												c. Med Co of Sep Bde.
															d. Med Trp in Spt Sqd of ACR.
															e. Med Tm (Fwd Surg).
															f. Med Tm (Neurosurg).
															g. Med Tm (Eye)
															h. Surg Sqd.
															Principal CMS NCO (one per CMS) in:
															a. Hosp Unit Base (CSH, Fld and Gen Hosp (MF2K).
															b. CSH, Evac, Gen and MASH Hosp.

**Table 10-91D-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
31	SR OPERATING ROOM NCO SR OR/CMS NCO	91D4O	SFC													1. Principal OR NCO (one per OR) in: a. Hosp Unit Base (CSH, Fld and Gen Hosp (MF2K)). b. CSH, Fld, Gen, MASH and Sta Hosp. 2. Principal OR/CMS (one per OR/CMS (not both) in a Hosp Co w/84 and/or 164 Beds (EAC and Corps).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-91D-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
<b>Operating Room</b>															
1	OPERATING ROOM SP	91D1O	PFC				1	2	2	3	3	3	3		Grades of additional positions will be in same pattern.
2	OPERATING ROOM SP	91D1O	SPC		1	1	1	1	2	2	3	3	3		
3	OPERATING ROOM SGT	91D2O	SGT	1	1	1	1	1	1	1	1	2	2		
4	OPERATING ROOM NCO	91D3O	SSG			1	1	1	1	1	1	1	2		
<b>Centralized Materiel Services (CMS)</b>															
5	CMS SPECIALIST	91D1O	PFC		1	1	1	1	2	2	2	3	3		Grades of additional positions will be in same pattern.
6	CMS SPECIALIST	91D1O	SPC	1	1	2	2	3	3	4	5	5	5		
7	CMS SERGEANT	91D2O	SGT			1	1	1	1	1	1	2			
8	CMS NCO	91D3O	SSG												CMS for supervision of 7 to 11 soldiers.
9	SR CMS NCO	91D4O	SFC												CMS for supervision of 12 or more soldiers
10	SR OPERATING ROOM NCO	91D4O	SFC												1. OR for supervision of 6 or more soldiers. 2. Elm in USAUHS (Bethesda). 3. Combined OR/CMS for the supervision of 12 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-91E-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Frequently lifts 90 pounds and carries short distances as part of a 2 person team (prorated 45 pounds).
2	1, 2, 3, 4	2. Occasionally lifts 180 pounds and carries short distances as part of a 4 soldier team (prorated 45 pounds).
3	1, 2, 3, 4	3. Must possess finger dexterity in both hands.
4	3, 4	4. Frequently writes to keep records and compile data.
5	3, 4	

**Table 10-91E-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	DENTAL SP	91E1O	PFC				1	2	2	3	4	4	5	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions when not provided for by any other line.
2	DENTAL SP	91E1O	SPC	1	1	1	1	1	2	2	2	3	3	
3	DENTAL SGT	91E2O	SGT	1	1	1	1	1	1	1	1	1	1	
4	SR DENTAL SGT	91E3O	SSG		1	1	1	1	1	1	1	1	1	
5	PREV DENTISTRY SP	91E1OX2	SPC	1	2	2	3	4	4	5	6	6	6	Use this grading table for all positions with ASI X2.
6	PREV DENTISTRY SGT	91E2OX2	SGT	1	1	1	2	2	2	3	3	3	4	
7	DENTAL LAB SP	91E1ON5	SPC		1	2	3	3	4	4	5	5	5	Use this grading table for all positions with ASI N5.
8	DENTAL LAB SGT	91E2ON5	SGT	1	1	1	1	1	2	2	2	2	3	
9	SR DENTAL LAB SGT	91E3ON5	SSG	1	1	1	1	1	1	2	2	2	2	
10	DENTAL NCO	91E2O	SGT											Principal Den NCO in: a. Ident and Eff Rcd Sec in QM GRREG Co. b. Evac, Mort and Cemetary Sec in QM Mort Aff Co (EAC).
11	SR DENTAL SGT	91E3O	SSG											Principal Den NCO in; a. Fwd Den Trmt Tm of Med Co (Den Svc) supervising 1-6 subordinate soldiers in grade SPC (one SPC per Den Trmt Tm). b. Fwd Spt Trmt Sec (one per section).
12	DENTAL NCO	91E4O	SFC											Principal Den NCO in: a. Pub Hlth and Den Tm in CA Det (GS). b. Den and Prost and Gen Den Sec in Med Co (Den Svc). c. Gen Den Sec in Med Co (Den Svc). d. Area Fld Den Clin of Den CO (Area Spt). e. Fwd Spt Sec Hq in Med Co (Area Spt).
13	OPERATIONS SER-GEANT	91E4O	SFC											Spt Sec and Hq Sec in Den Co (Area Spt).
14	DETACHMENT SER-GEANT	91E4O	SFC											Principal NCO in Hq Sec of Med Det (Den Svc) with 75 or less soldiers.
15	CHIEF DENTAL NCO	91E5O	MSG											Principal Den NCO in; a. Ops Br of Med Bde. b. S2/S3 Sec in HHC of Med Bde (Corps). c. Den Svc in HHC of MEDCOM (Corps).
16	STAFF DENTAL NCO	91E5O	MSG											Principal Den NCO in Den Svs Sec in HHC of MEDCOM (Corps).
17	FIRST SERGEANT	91E5M	1SG											Principal NCO in Hq Sec of Med Co (Den Svc) with 75 or more soldiers when MOS 91E is the predominate MOS.
18	SR DENTAL NCO	91E5O	SGM											Principal Den NCO in Den Svc Sec in HHC of MEDCOM (EAC).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-91E-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	DENTAL SP	91E1O	PFC	1	2	2	2	2	3	4	5	5	6	1. Grades of additional positions will be in same pattern. 2. This grading pattern will be used for all position when not specifically identified in any other line.
2	DENTAL SP	91E1O	SPC					1	1	1	1	2	2	3. Mobile Den Tm single position graded PFC. 4. USAR Full-time Spt single position graded SSG.
3	DENTAL SGT	91E2O	SGT			1	1	1	1	1	1	1	1	
4	SR DENTAL SGT	91E3O	SSG				1	1	1	1	1	1	1	
5	DENTAL SP	91E1O	PFC				1	2	2	3	4	4	5	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all Aug TDA positions.
6	DENTAL SP	91E1O	SPC	1	1	1	1	1	2	2	2	3	3	
7	DENTAL SGT	91E2O	SGT		1	1	1	1	1	1	1	1	1	
8	SR DENTAL SGT	91E3O	SSG				1	1	1	1	1	1	1	
9	PREV DENTISTRY SP	91E1OX2	SPC	1	2	2	3	3	4	4	5	5	6	1. U.S. Army Hlth Clin in Log Spt Acty (OCONUS) of U.S. Army FORSCOM. 2. Use with ASI X2.
10	PREV DENTISTRY SGT	91E2OX2	SGT			1	1	2	2	3	3	4	4	
11	DENTAL LAB SP	91E1ON5	SPC	1	1	2	3	4	4	4	5	5	6	Use this grading pattern for positions with ASI N5.
12	DENTAL LAB SGT	91E2ON5	SGT		1	1	1	1	2	2	2	2	2	
13	SR DENTAL LAB SGT	91E3ON5	SSG							1	1	2	2	
14	DENTAL LAB SGT	91E2ON5	SGT											1. Single Den Lab Spt position in U.S. Army Dental Activity (DENTAC) for dental residency training (not more than one position per Den Acty) in; a. WRAMC. b. Fts Benning, Bliss, Bragg, Campbell, Carson, Gordon, Hood, Lewis and Sam Houston. 2. TAMC Clin (grade as second position). 3. Use with ASI N5.
15	SR DENTAL LAB SGT	91E3ON5	SSG											1. Principal Den Lab NCO support position in; a. DENTAC--(Japan). b. Central Ident Lab of U.S. Total Army Personnel Command. c. White Sands Msl Rng and TAMC Clin. 2. Use with ASI N5.
16	Dental NCO	91E4ON5	SFC											Principal Den Lab NCO in; a. Orthodon and Fix Pros and Remov Pros Svc. b. Mtl Fin, Porcln and Framework Br in Area Den Lab of Ft Gordon. c. LRAMC-Dent Residency Pgm.
17	DENTAL NCO	91E4O	SFC											1. Principal Den NCO in: a. DOD MERB in U.S. Army Elm of Air Force Acty. b. DENTAC supervising 7-13 soldiers. 2. Principal Den NCO in: a. U.S. Army Dental Clinic and/or DENCOM in: (1) LRAMC-Baumhol, TAMC, WAMC, WBAMC and WRAMC. (2) Fts Gordon and Knox. (3) Heidelberg-BFV-MAN, Darmstadt, Hanau, PHV-Heidelberg. (4) Fts--Belvoir (Logan), Benning (Love and Salomon), Bliss (Trp Den CI and #3), Bragg (Davis, La Flamme, Rohde and Den CI #5), Campbell (Den CI #1, 2, 3 and 5), Carson (Larson), Detrick, Drum (Riva and Wilcox), Eustis (Tignor), Gordon (Snyder and Tingay), Hood (Den CI #3 and 5, BG Johnson and DC Perk), Huachuca, Irwin (SHLWITH and Den CI #1), Jackson (Den CI), Knox (Jordan). Leavenworth, Lee (Bull), Leonard Wood (Roll and Harper), Lewis (Den CI 1), Meade, Myer (Rader), Monmouth, Polk (Div Den CI), Richardson, McPherson, Riley (Den CI #3, 4 and 5), Rucker, Sam Houston (Budge and Rhodes), Shafter, Sill (Allen and Cowan), Stewart (Den CI #1 and 4) and Wainwright (FWA). (b) Carlisle Bks, Katterbach, Schofield Bks, Pentagon, Vicenza, Vogelwey, West Point (USMA), Wiesbaden, and Wurzburg (Hosp Den CI). b. Air Force Acty in Pentagon. c. U.S. Army Inst of Den Rsch (Great Lakes Nav Tng Ctr). d. DENTAC--(Japan). 2. AC/RC Spt Tm. 3. Principal Den NCO in DENTAC when grade MSG not authorized.

**Table 10-91E-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
18	DETACHMENT SER-GEANT	91E4O	SFC												Principal NCO in Hq Sec of Med Det (Den Svc) with 75 or less soldiers when MOS 91E is predominate MOS.
19	CHIEF DENTAL NCO	91E5O	MSG												1. Principal Den NCO in:DENTAC and/or Area Den Lab supervising 20 or more soldiers (not more than one MSG position per Acty). 2. Den Rgn Cmd--(DDEAMC and TAMC). 3. Grade MSG not authorized when position is graded by line 16.
20	STAFF DENTAL NCO	91E5O	MSG												Resource Mgt Div in Hq of U.S. Army DENCOM.
21	FIRST SERGEANT	91E5M	1SG												Principal NCO in Hq Sec of Den Co with 75 or more soldiers when MOS 91E is predominate MOS.
22	SR DENTAL NCO	91E5O	SGM												Principal Den NCO in: a. Ofc of Cdr in Hq of U.S. Army DENCOM. b. Den Rgn Cmd in-- (1) LRAMC and WRAMC. (2) Fts-(Bragg, Hood and Lewis).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-91F-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Occasionally lifts 350 pounds and carries short distances as part of a6 soldier team (prorated 59 pounds).
2	1, 2, 3	2. Frequently walks 3 miles.
3	1, 2, 3	3. Must possess finger dexterity in both hands.
4	3	

**Table 10-91F-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	Psychiatric specialist	91F1O	PFC		1	1	1	2	2	3	4	4			1. Additional positions will be in same grade pattern. 2. Title of Psychiatric Ward Master is authorized for SSG positions on wards where a SFC is not authorized.
2	Psychiatric specialist	91F1O	SPC		1	1	1	2	2	3	3	3	3		
3	Psychiatric NCO	91F2O	SGT		1	1	1	1	1	1	1	1	1	1	
4	Psychiatric NCO	91F3O	SSG			1	1	1	1	1	1	1	2		
5	Psychiatric wardmaster	91F4O	SFC												Supervision of eight or more subordinate personnel (only one SFC is authorized in a unit with one Psychiatric Ward).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-91F-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Psychiatric specialist	91F1O	PFC		1	1	1	2	2	3	4	4		1. Additional positions will be in same grade pattern. 2. Title of Psychiatric Ward Master is authorized for SSG positions on wards where a SFC is not authorized.
2	Psychiatric specialist	91F1O	SPC		1	1	1	2	2	3	3	3		
3	Psychiatric NCO	91F2O	SGT	1	1	1	1	1	1	1	1	1		
4	Psychiatric NCO	91F3O	SSG		1	1	1	1	1	1	2			
5	Psychiatric wardmaster	91F4O	SFC											Supervision of eight or more subordinate personnel (only one SFC is authorized in a unit with one Psychiatric Ward).

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-91K-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Occasionally lifts 150 pounds and carries short distances as part of a 4 soldier team (prorated 62.4 pounds).
2	1, 2, 3	2. Occasionally pulls 75 pounds short distances.
3	1, 2, 3	3. Occasionally pushes, pulls, lifts, lowers, reaches, carries up to 100 pounds while bending, stooping, and kneeling as part of a 2 soldier team (prorated 50 pounds).
4	3	
5	3	

**Table 10-91K-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	MED LAB SPECIALIST	91K1O	PFC		1	2	3	3	3	4	4	5		1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	MED LAB SPECIALIST	91K1O	SPC	1	1	1	1	1	2	2	3	3		
3	MED LAB SERGEANT	91K2O	SGT	1	1	1	1	1	2	2	2	2		
4	MED LAB SPECIALIST	91K1O	PFC		1	1	2	2	2	2	3	3		1. Grades of additional positions will be in same pattern. 2. Grading pattern for use with:
5	MED LAB SPECIALIST	91K1O	SPC	1	1	1	1	2	2	3	3	4		a. Hosp Aug Tm (Pathology). b. Med Tm (Pathology).
6	MED LAB SERGEANT	91K2O	SGT		1	1	1	2	2	2	3	3		
7	MED LAB SPECIALIST	91K1O	PFC		1	1	1	1	2	2	3	3		1. Grades of additional positions will be in same pattern. 2. Grading pattern for use with:
8	MED LAB SPECIALIST	91K1O	SPC	1	1	1	1	2	2	3	3	4		a. All Sec's in Area Med Lab. b. Med Co of Area Spt Med Bn.
9	MED LAB SERGEANT	91K2O	SGT		1	1	1	1	1	1	2	2		
10	MED LAB NCO	91K3O	SSG		1	1	1	1	1	1	1	1		

**Table 10-91K-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
11	BLOOD DNR CTR OPS SP	91K1OM4	PFC		1	1	1	2	2	2	3	3	4		1. Grades of additional positions will be in same pattern. 2. Use this grading pattern for all ASI M4 positions. 3. Coll and Mfg Sec in Blood Spt Det. 4. Stor and Dist Sec in Blood Spt Det.
12	BLOOD DNR CTR OPS SP	91K1OM4	SPC		1	1	1	1	1	2	2	2	3	3	
13	BLOOD DNR CTR OPS NCO	91K2OM4	SGT			1	1	1	1	2	2	2	2		
14	BLOOD DNR CTR OPS NCO	91K3OM4	SSG				1	1	1	1	1	1	1		
15	CYTOLOGY NCO	91K2OM2	SGT		1	1	2	2	3	3	4	4	5	5	1. Use this grading pattern for all ASI M2 positions in Cyto Sec only.
16	CYTOLOGY NCO	91K3OM2	SSG		1	1	2	2	3	3	4	4	5		2. Hosp Aug Tm (Pathology). 3. Med Tm (Pathology).
17	BLOOD DNR CTR OPS SP	91K1OM4	SPC		1	2	3	3	4	4	5	5	6		Lab/Blood Bank Sec in Hosp Co w/84 and/or 164 Beds (EAC and Corps)
18	BLOOD DNR CTR OPS NCO	91K2OM4	SGT		1	1	1	1	2	2	3	3	4	4	
19	MED LAB SPECIALIST	91K1O	SPC												Single Med Lab SPC in: a. Area Spt Sqd in Med Co and/or Trp (FSB and/or MSB) of a Div, Sep Bde and/or ACR. b. Med Tm (Inf Dis). c. Hq & Spt Co of ASB. d. Med Co of Area Spt.
20	SECTION CHIEF	91K3O	SSG												Principal Blood Dnr Ctr Ops NCO in Lab/Blood Bank Sec of Hosp Co w/84 and/or 164 Beds(EAC, TA and Corps).
21	MEDICAL LAB NCO	91K3O	SSG												1. Principal Med Lab NCO in: a. Biochem Sec of Thtr Army Med Lab. b. Endemic Dis Sec, Occ Envir Hlth Sec and NBC Sec of Area Med Lab. c. Blood Bank Sec in Hosp Unit Base of CSH, Fld and Gen Hosp. d. PLX Con Tm and Clin Lab Tm of CSH. e. Lab Svc of MASH. 2. Lab/Blood Bank Sec in Hosp Co w/164 Beds second Med Lab NCO position will be graded SSG. 3. Lab Svc in Hosp Unit Base (CSH, FLD, Sta and Gen Hosp) three Med Lab NCO positions will be graded SSG.
22	MEDICAL LAB NCO	91K4O	SFC												1. Principal Med Lab NCO in: a. Lab Svc of Hospital Unit Base (MF2K) of: (1) CSH. (2) Fld Hosp. 2. Lab/Blood Bank Sec in Hosp Co w/164 Beds(EAC, TA and Corps). e. Microbio Sect of Thtr Army Med Lab.
23	PLATOON SERGEANT	91K4O	SFC												Principal NCO in Plt Hq Sec when MOS 91K is predominate MOS.
24	DETACHMENT SER-GEANT	91K4O	SFC												Principal NCO in Det Hq Sec when MOS 91K is predominate MOS.
25	SR MED LAB NCO	91K5O	MSG												1. Principal Lab NCO in Lab Svc of: Hospital Unit Base of Gen Hosp (MF2K). 2. Lab/Blood Bank Sec in Hosp Co w/84 Beds (EAC TA and Corps). 2. MTOE: In 1st and 10th Medical Laboratories.
26	CH MED LAB NCO	91K5O	SGM												Principal Med Lab NCO in: a. Prof Svc in HHC of MEDCOM (EAC TA). b. Cmd Sec in HHC of Thtr Army Med Lab. c. Hq Sec in Area Med Lab.

**Notes:**

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-91K-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	MEDICAL LAB SP	91K1O	PFC			1	2	3	3	3	4	4	5	1. Grades of additional positions will be in same pattern. 2. Blood Bank of MEDDAC--(Ft Carson). 3. Grading pattern will be used for all positions when not specifically identified by any other line.
2	MEDICAL LAB SP	91K1O	SPC	1	1	1	1	1	2	2	2	3	3	
3	MEDICAL LAB NCO	91K2O	SGT		1	1	1	1	1	2	2	2	2	
4	BLOOD DNR CTR OPS SP	91K1OM4	PFC		1	1	2	3	3	3	4	4	5	Use this grading pattern for ASI M4 positions in: a. Blood Bank of MEDCEN-(BAMC, DDEAMC, LRAMC, MAMC, TAMC and WRAMC). b. Blood Bank of MEDDAC--(Fts - Benning, Knox, Leonard Wood and Polk) and Heidelberg. c. Blood Donor Sec of MEDCEN-(DDEAMC, MAMC, WAMC, WBAMC and WRAMC). d. ASWBPL of MEDCEN and/or MEDDAC. e. Dept of Path of MEDCEN-(WRAMC). f. Path Sec of MEDDAC--(Fts Hood, Lee and Riley) and Redstone Arsenal.
5	BLOOD DNR CTR OPS SP	91K1OM4	SPC	1	1	1	1	1	2	2	2	3	3	
6	BLOOD DNR CTR OPS NCO	91K2OM4	SGT		1	1	1	1	2	2	2	2	2	
7	BIO SCI SPECIALIST	91K1OP9	SPC		1	2	3	4	4	5	5	6	6	1. Use this grading for all positions identified with ASI P9. 2. Dept and/or Br for study "ology" in Walter Reed Army Inst of Rsch (WRAIR). 3. Application of this portion of the SG will be based on the total ASI position aggregate in a unit (UIC). Grading resulting from this grouping may then be apportioned to specific positions at the discretion of the commander.
8	BIO SCI SERGEANT	91K2OP9	SGT	1	1	1	1	1	2	2	3	3	4	
9	CYTOLOGY SER-GEANT	91K2OM2	SGT											Cytology Sec, Path and/or ANA Path Sec of: a. MEDCEN--(BAMC (seventh and eight position graded SGT), DDEAMC, and LRAMC (subsequent positions also graded SGT), MAMC and WAMC). b. MEDDAC--(Fts Campbell, Jackson, Lee and Riley) and Alaska.
10	MEDICAL LAB NCO	91K2O	SGT											1. Military Entrance Processing Station (MEPS). 2. U.S. Army Hlth Clin in Log Spt Unit (OCONUS) of U.S. Army FORSCOM. 3. Principal Lab NCO in Immun Br of WRAIR.
11	BLOOD DNR CTR OPS NCO	91K3OM4	SSG											Principal Blood Donor Ctr Ops NCO in Blood Bank and/or Blood Donor Sec of: a. MEDCEN--(BAMC, LRAMC-(graded as second position), MAMC-(graded as second position), TAMC, WBAMC and WRAMC-(graded as second position). b. MEDDAC--(Fts Carson and Knox) and Heidelberg.
12	BIO SCIENCE NCO	91K3OP9	SSG											1. Principal Bio Sci Lab NCO in: a. Br of WRAIR for the study "ology" of Biology, Bio Chem, Cbt Inj & Resus, Expr Surg and Viruses. b. Med Rsch Det--(Bethesda). c. Chem, Micro Bio and Physio Div of WRAIR. 2. Resp Rsch Br of WRAIR (two positions will be graded SSG). 3. Med Res Det (TX) of WRAIR (two positions will be graded SSG). 4. Med Neuro Surg Br (second position will be graded SSG). 5. Cbt Inj and Resus Br of U.S. Army Inst of Surg Rsch (USAISR). 6. Principal Bio Sci Lab NCO in: a. Envir Pathophysiol, Physiol and Occup Hlth and Perf Dir of U.S. Army Rsch Inst of Envr Med (USARIEM). b. ALT Physiol Med, Mil Perf Neurosci and Occup Physiol Div of USARIEM. 7. Principal Bio Sci Lab NCO in: a. Aeromed Fac and Crew Inj Br of U.S. Army Aero Med Rsch Lab (USAAMRL). b. Biochem Pharm and Neurotox Br of U.S. Army Med Rsch Inst of Chem Def (USAMRICD). c. Aero & Prod Eval, Genetics and Physiol, Viral Bio and Viral Pathogen Immun Br of U.S. Army Med Rsch Inst of Inf Dis. (USAMRIID). d. Rsch & Tech Dir of U.S. Army Chem and Bio Def Cmd (USACBDC).

**Table 10-91K-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
13	CYTOLOGY NCO	91K30M2	SSG												<p>1. Cytology Sec of: a. MEDCEN--: (1) BAMC-(third thru eight positions also graded SSG). (2) DDEAMC-(grade only as second position). (3) LRAMC-(grade only as second position). (4) TAMC, WAMC and WBAMC(grade only as second position). b. MEDDAC--(Fts Campbell, Carson, Benning, Hood and Leonard Wood). 2. ANA Path Svc of MEDDAC-(Fts Benning, Campbell Carson and Hood).</p>
14	MEDICAL LAB NCO	91K30	SSG												<p>1. Principal Med Lab NCO in: a. Dept and or Br of WRAIR for the study "ology" of: (1) Retr Viral Rsch. (2) Bio Chem, Hemo, Path, Pharm and Micro Bio b. Chem Div of WRAIR. c. Mil Nutr Div of U.S. Army Rsch Inst Envr Med. 2. Resp Br of WRAIR (second position will also be graded SSG). 3. Med Neuropsych Br of WRAIR (graded as second position). 4. Principal NCO in Path Physiol Br of U.S. Army Med Rsch Inst of Chem Def. 5. U.S. Army Drug Lab in MEDCEN--(TAMC). Second Med Lab NCO position will also be graded SSG. 6. Med Lab NCO as second position in Micro, Chem, Hema and Blood Bank Sec when grade SFC is authorized. 7. U.S. Army Hlth Care Sys Spt Acty. 8. Tng and Intel Br of MEDCEN-(LRAMC). 9. Med Tng Det of USAJFKSWCS (only one positions will be graded SSG). 10. Clin Inv Sec of MEDCEN-(TAMC). 11. Path Spt Svc of MEDCEN-(MAMC) as second position. 12. Microbiol Sec and/or Sep Lab (FB) of MEDCEN--(WBAMC). 13. Ancil Spt of MEDDAC--(Ft Huachuca). 14. Histo Sec and Chem Lab and/or Lab of MEDCEN--(LRAMC). 15. Histo Sec (as second position), Hemo and Microbio Sec of MEDDAC--(Heidelberg). 16. Chem and Hemo Sec of: a. MEDDAC--(Ft Leonard Wood). b. MEDCEN--(DDEAMC-Stat Lab (grade second and third position SSG). 17. Path Sec of MEDDAC--(Ft Monmouth). 18. Lab, Microbio, Clin Microscop, Path, Spec Hand Sec of MEDCEN--(WRAMC). 19. Histopath Lab of U.S. Armed Forces Inst of Path. 20. Biochem, Microbio, Surg Sec of MEDCEN--(BAMC). 21. Clin Path Svc: a. MEDCEN--(WAMC) as second position. b. MEDDAC--(Ft Hood-(as third position), Knox, McClellan, Polk-(as second position), Sill-(as second position, and Japan). 22. Blood Bank of MEDDAC-(Fort Sill). 23. Hemo Sec of MEDDAC--(Ft Carson). 24. Lab of MEDDAC--(Wurzburg). 25. Pathophysio Div of U.S. Army Med Rsch Inst of Chem Def. 26. Clin Path Br and Virol Div of U.S. Army Med Rsch Inst of Inf Dis. 27. Rsch Tech Dir of U.S. Army Chem amd Bio Def Cmd.</p>
15	MEDICAL LAB NCO	91K40	SFC												<p>1. Principal Med Lab NCO in Blood Bank Ctr and/or Sec of MEDCEN--(LRAMC, MAMC, WBAMC and WRAMC). 2. Principal Lab NCO in Blood DNR Sec and/or Ctr of: a. MEDCEN--(BAMC and WRAMC). b. MEDDAC--(Ft Leonard Wood).</p>

**Table 10-91K-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
															<p>3. Principal Lab NCO in:</p> <p>a. Dept Lab Sci of U.S. Army Ctr for Hlth Prom and Prev Med.</p> <p>b. Applied Bio, Bact Dis, Comparative Path, Med Neurosc, Parasit, Rickettsial Br of WRAIR.</p> <p>c. Div Commun Dis Immun, Div Med, Div Path, Div Retrvirol, Div Surg, Div Exp Therap of WRAIR.</p> <p>d. Mil Trauma Res Div of ISR.</p> <p>4. Principal Lab NCO in Drug Assess Div of U.S. Army Med Rsch Inst of Chem Def.</p> <p>5. Principal Lab NCO in:</p> <p>a. Lab Sec of:</p> <p>(1) MEDCEN--(LRAMC and TAMC).</p> <p>(2) MEDDAC--(Wurzburg).</p> <p>b. Biochem, Chem, Hemo, Immuno, Microbio, Microscop, Stat Lab and Sp Hand Sec, Path Spt Svc Sec and C, Clin Inv Svc of MEDCEN--(BAMC, DDEAMC, LRAMC, MAMC, TAMC, WAMC, WBAMC and WRAMC).</p> <p>6. Principal Lab NCO in:</p> <p>a. Dept Path or Clin Path Svcand/or C ANA Path Svc of;</p> <p>(1) MEDDAC--(Fts Benning-as second position), Campbell, Carson, Eustis, Hood-(as second position), Huachuca, Irwin, Jackson, Leavenworth, Leonard Wood, Monmouth, McClellan, Polk, Riley, Sill, Stewart.</p> <p>(2) MEDDAC--(Alaska, Aeromed Ctr, Redstone Arsenal and West Point).</p> <p>b. Chem Sec and Microbio Sec of MEDDAC-- (Ft Carson).</p> <p>c. Forensic Tox Div of Armed Forces Inst of Path (AFIP).</p> <p>d. B &amp; C Lab Sec of Walter Reed Army Inst of Rsch Sp Fgn Acty.</p> <p>e. Ofc of Dir of MEDDAC--(Ft Knox).</p> <p>7. Principal Lab NCO in:</p> <p>a. Drug Assess and Pharm Div of U.S. Army Med Rsch Inst of Chem Def.</p> <p>b. Bacteriol, Diag Sys, Toxi and Virology Div of U.S. Army Med Rsch Inst of Inf Dis.</p> <p>8. Implement TF of HCSSA.</p> <p>9. Lab Svc of MEDCOM--(Korea).</p> <p>10. med Tng Det of U.S. Army JFKSWCS (only one position will be graded SFC).</p>
16	CYTOLOGY NCO	91K4OM2	SFC												<p>Principal NCO in:</p> <p>a. ANA Path and/or in Cyto Sec (not both) of MEDCEN--(BAMC, DDEAMC, LRAMC, MAMC-(second position graded SGT) TAMC, WBAMC and WRAMC).</p> <p>b. C, ANA Path and CYTO Sec of MEDCEN--(BAMC).</p> <p>c. ANA Path of MEDDAC--Ft Sill.</p> <p>d. Use with ASI M2.</p>
17	BLOOD DONOR OPS CTR NCO	91K4OM4	SFC												<p>1. Principal Lab NCO in Blood Bank or Blood Ctr and/or Blood Donor Sec of:</p> <p>a. MEDCEN--(BAMC, and LRAMC, MAMC and WBAMC). Use with ASI M4.</p> <p>b. MEDDAC--(Fts Benning, Hood, Lee and Leonard Wood).</p> <p>2. Dept of Path of MEDDAC-(Fort Lee).</p> <p>3. ASWBPL of:</p> <p>a. MEDCEN--(MAMC-Travis AFB).</p> <p>b. MEDDAC--(Ft Monmouth).</p> <p>4. Blood Bank and Blood Donor Ctr of MEDCEN--(WRAMC).</p>

**Table 10-91K-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
18 MEDICAL LAB NCO	91K5O	MSG													1. Principal Lab NCO in: a. RAD, Clin & Cls Chem Div of U.S. Army Ctr for Hlth Prom and Prev Med. b. Bio Chem Div of WRAIR. c. Clin Path, Path Spt Svc, Dept of Path, Chem and Microbio Sec and/or Stat Lab of MEDCEN--(BAMC, DDEAMC, LRAMC, MAMC, TAMC, WBAMC, WAMC and WRAMC). d. Admin Sec and Chem Sec of MEDDAC--(Heidelberg). e. Path Dept, Path Div and/or Clin Path Svc of MEDDAC--(Fts Benning, Campbell, Carson, Hood, Jackson, Knox, Leonard Wood, Sill and Stewart). 2. Func Analysis Tm of U.S. Army Hlth Care Sys Spt Acty. 3. Path Div of U.S. Army Med Rsch Inst of Inf Dis. 4. Biochem Br of Center for Army substance abuse programs. 5. Ctr Clin Lab Med of AFIP.
19 MEDICAL LAB NCO	91K5O	SGM													Principal NCO in C, Path ALS and/or Svc of MEDCEN--(BAMC, LRAMC, MAMC, TAMC and WRAMC).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-91M-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7	1. Occasionally lifts 110 pounds 24 inches and carries 3 yards as part of a 2 soldier team (prorated 55 pounds).
2	1, 2, 3, 4, 5, 6, 7	2. Occasionally lifts 65 pounds and carries 50 feet.
3	1, 2, 3, 4, 5, 6, 7	3. Occasionally pushes 65 pounds on a cart for 50 feet.
4	5, 6, 7	4. Frequently stands for a period of 4 hours duration.
5	5, 6, 7	5. Must possess normal color vision. 6. Must possess finger dexterity in both hands. 7. Frequently writes to keep records and compile data.

**Table 10-91M-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
1 HOSP FOOD SVC SP	91M1O	PFC	1	1	1	1	2	3	3	3	3	4	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions when not specifically identified in any other line.	
2 HOSP FOOD SVC SP	91M1O	SPC		1	2	2	2	2	3	4	4	4		
3 HOSP FOOD SVC SGT	91M2O	SGT				1	1	1	1	1	2	2		
4 HOSP FOOD SVC NCO	91M3O	SSG												1. Principal Food Svc NCO in Nutr Care Div of Sta Hosp. 2. Nutr Care Div as second Food Svc NCO in: a. Hosp Unit Base (CSH and Fld) and/or CSH and MASH. Subsequent Food Svc positions will be graded by lines 1-3. b. Hosp Unit (Med and Surg (MAIN)). Subsequent Food Svc positions will be graded by lines 1-3. c. Hosp Co w/164 and/or 84 Beds (EAC and Corps). Subsequent Food Svc positions will be graded by lines 1-3. d. Hosp Unit Base (Gen). Subsequent Food Svc positions graded by lines 1-3. e. CSH, Evac, Fld, Gen Hosp and MASH. Subsequent Food Svc positions graded by lines 1-3.

**Table 10-91M-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
5	HOSP FOOD SVC NCO	91M4O	SFC												Principal Food Svc NCO in Nutr Care Div of: a. Hosp Unit Base (CSH Evac and Fld) and/or CSH and MASH. b. Hosp Unit (Med and Surg (MAIN). Subsequent Food Svc positions graded by lines 1-3. c. Hosp Co w/164 beds and/or 84 beds (EAC and Corps).
6	CH FOOD SVC NCO	91M5O	MSG												Principal Med Food Svc NCO in: a. S4 Sec of Med Bde (EAC and Corps). b. Nutr Care Div of Hosp Unit (Gen). Second Food Svc NCO position graded SSG and subsequent Food Svc positions graded by lines 1-3. c. Hosp Food Svc Br or Nutr Care Br of Gen Hosp. d. Nutr Care Div of Hosp Unit Base (Gen Hosp).
7	SR FOOD SVC NCO	91M5O	SGM												Principal Med Food Svc NCO in Nutr Care Svc of MEDCOM (EAC and Corps).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-91M-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	HOSP FOOD SVC SP	91M1O	PFC	1	1	1	1	2							1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	HOSP FOOD SVC SP	91M1O	SPC		1	2	2	2							3. MEDCEN-- a. WRAMC (Clin Studies Lab). b. BAMC, MAMC and WRAMC (Out Patient (Op) Care Sec). c. BAMC (Spt Svc Sec). d. DDEAMC (Food Prep Sec). e. LARMC (In Patient (IP) Care Sec and Prod & Svc Sec).
3	HOSP FOOD SVC SGT	91M2O	SGT				1	1							4. MEDDAC-- a. Ft Wainwright, Heidelberg and West Point (Diet Clin Sec). b. Ft Benning and Heidelberg (Prod & Svc Sec). c. Ft Lee (Comm Hlth Wellness Clip). d. Ft Hood (In Patient (IP) Care Sec). e. Fts Huachuca and Rucker and Heidelberg (Food Prep Sec). f. Heidelberg (Pat Tray Sec).
4	HOSP FOOD SVC SGT	91M2O	SGT												Hosp Food Svc NCO in: a. Nutr Care Sec or Br of: (1) MEDDAC--Fts (Leavenworth grade as second position), Riley (grade as second position) and Wainright). (2) MEDDAC--West Point (grade as second position). b. Diet Clin Sec or Br of: (1) MEDCEN--MAMC (Grade as second position) and TAMC. (2) MEDDAC--Fts (Carson, Irwin (Subsequent Hosp FS positions will be graded by lines 1-2), Jackson, Knox and Stewart (Subsequent Hosp FS positions will be graded by lines 1-2). c. Prod and Svc Sec or Br of: (1) MEDCEN--MAMC (grade as second position and subsequent Hosp FS positions will be graded by lines 1-2), and WRAMC (Tm I, Tm II and in Tm IV (Second Hosp FS position will be graded PFC). (2) MEDDAC--Fts (Huaachuca, Jackson and Leonard Wood). d. IP Sec of MEDCEN--LARMC (Subsequent Hosp FS positions will be graded by lines 1-2), and WRAMC (Second Hosp FS position will be graded PFC). e. Op Sec of U.S. Army Aeromedical Center--Ft Rucker. f. Food Prep Sec of MEDDAC--Ft Leonard Wood.

**Table 10-91M-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
5	HOSP FOOD SVC NCO	91M3O	SSG												<p>Hosp Food Svc NCO in:</p> <p>a. C, Nutr Care or Nutr CareSec of:</p> <p>(1) MEDCEN--WRAMC.</p> <p>(2) MEDDAC--Fts (Eustis, Huachuca, Irwin, Leavenworth (second Hosp FS position will be graded SGT), McClellan, Polk (second Hosp FS positions will be graded SGT), Stewart, Wainright and West Point.</p> <p>(3) U.S. Army Aeromedical Center - Ft Rucker.</p> <p>b. Diet Clin or Svc of:</p> <p>(1) MEDCEN--(BAMC, DDEAMC, MAMC (grade second Hosp FS position SGT and subsequent positions by lines 1-2), WAMC and WBAMC (second position graded PFC).</p> <p>(2) MEDDAC--Fts (Campbell, and Jackson (grade second Hosp FS position SGT).</p> <p>c. Prod &amp; Svc Sec or Br in:</p> <p>(1) MEDCEN--(BAMC - subsequent Hosp FS positions will be graded SSG for shift work), DDEAMC (subsequent Hosp FS positions will be graded SSG for shift work) and in TAMC (grade as second position).</p> <p>(2) MEDDAC (Fts Carson, Irwin (Subsequent Hosp FS positions graded by lines 1-3, Jackson, Knox (subsequent Hosp FS positions graded by lines 1-3, Leonard Wood (subsequent Hosp FS positions graded by lines 1-3), Sill (subsequent Hosp FS positions graded by lines 13), Stewart (subsequent Hosp FS positions graded by lines 1-2, and Wainwright (subsequent Hosp FS positions graded by lines 1-3).</p> <p>d. IP Tm in:</p> <p>(1) MEDCEN--(WRAMC-IP Tm's II and III the second Hosp FS position will be graded PFC).</p> <p>(2) MEDDAC--(Ft Benning).</p> <p>e. Food Prep Sec in:</p> <p>(1) MEDCEN--(TAMC subsequent Hosp FS positions graded by lines 1-2), and WAMC).</p> <p>(2) MEDDAC--(Fts Benning and Campbell).</p> <p>f. Subs &amp; Sup Sec of:</p> <p>(1) MEDCEN--</p> <p>(a) WRAMC (subsequent Hosp FS positions graded by lines 13).</p> <p>(b) WAMC (Subsequent Hosp FS positions also graded SSG).</p> <p>(2) MEDDAC--Ft Hood (Subsequent Hosp FS positions graded by lines 1-3).</p> <p>g. Educ &amp; Rsch Sec of MEDCEN (WRAMC).</p> <p>h. ADP Spt Sec of MEDCEN (WRAMC).</p> <p>i. Wellness Clin of MEDDAC (Ft Monmouth).</p> <p>j. IP Sec of MEDDAC (Ft Renning).</p> <p>k. Op Sec of MEDDAC (Ft Jackson).</p>
6	HOSP FOOD SVC NCO	91M4O	SFC												<p>Principal Food Svc NCO in:</p> <p>a. Prod &amp; Svc Sec of:</p> <p>(1) MEDCEN--(BAMC, DDEAMC (subsequent Hosp FS positions will be graded SSG)), LARMC (subsequent Hosp FS positions graded by lines 1-3), MAMC (subsequent Hospital FG position Hosp FS positions graded by lines 1-3), TAMC (second Hosp FS position will be graded SS), WAMC, WBAMC and WRAMC (Subsequent Hosp FS positions graded by lines 13).</p> <p>(2) MEDDAC (Fts Benning, Campbell and Hood).</p> <p>b. C, Nutr Care Sec or Nutr Care Sec of:</p> <p>(1) MEDDAC (Fts Carson, Jackson, Knox, Leonard Wood, Riley (grade second Hosp FS position SGT) and Sill.</p> <p>(2) MEDDAC (Heidelberg).</p>
7	CH FOOD SVC NCO	91M5O	MSG												<p>Principal Food Svc NCO in C, Nutr Care Sec of:</p> <p>a. MEDCEN (DDEAMC, LARMC, MAMC, WAMC and WBAMC).</p> <p>b. MEDDAC (Fts Benning, Campbell and Hood).</p>
8	SR FOOD SVC NCO	91M5O	SGM												<p>Principal Food Svc NCO in:</p> <p>a. Dir Nutr Care Svc or C, Nutr Care Svc of: MEDCEN--BAMC, TAMC and WRAMC.</p> <p>b. Prog Mgt Div of MACOM--U.S. Army Medical Command.</p>

Notes:

- \*Blank spaces in this column indicate not applicable.
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- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-91P-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2	1. Occasionally lifts 525 pounds and carries up to 20 feet as part of an 8 soldier team (prorated 65.6 pounds).
2	1, 2	2. Occasionally lifts up to 51 pounds and carries up to 60 feet.

**Table 10-91P-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
<b>Radiology Section/Service</b>															
1	RADIOLOGY SPECIAL-IST	91P10	PFC				1	1	1	2	2	3	4	5	1. Grades of additional positions will be in same pattern. 2. Use this grading pattern in units that have not converted to Medical Force 2000 Hospitals. 3. X-Ray Tm of CSH. 4. Hosp Co w/84 beds when TF Orgn for Split Base Ops (EAC TA and Corps). 5. Grading pattern will be used for all positions when not specifically identified in any other line.
2	RADIOLOGY SPECIAL-IST	91P10	SPC	1	1	1	1	1	1	1	1	1	1	1	
3	RADIOLOGY SER-GEANT	91P20	SGT	1	1	1	1	1	2	2	2	2	2	2	
4	RADIOLOGY NCO	91P30	SSG				1	2	2	2	2	2	2	2	
<b>Hospital Unit Base, General Hospital (MF2K)</b>															
5	RADIOLOGY SPECIAL-IST	91P10	SPC		1	1	2	2							Grading pattern for Hosp Unit Base (Gen).
6	RADIOLOGY SER-GEANT	91P20	SGT	1	1	2	2	3							
<b>Hospital Unit Surgical, General &amp; Combat Support Hospital and Head and Neck Tm Augmentation Team</b>															
7	RADIOLOGY SPECIAL-IST	91P10	PFC		1	1	1	1	1						Grading pattern for Radiology Sec of: a. Hq and Spt Co. b. Hosp Unit (Surg). c. Head an Neck Tm of Hosp Aug Tm.
8	RADIOLOGY SPECIAL-IST	91P10	SPC	1	1	1	1	2	2						
9	RADIOLOGY SER-GEANT	91P20	SGT		1	1	1	1							
10	RADIOLOGY NCO	91P30	SSG			1	1	2							
<b>Hospital Unit Medical, and General Hospital(MF2K)</b>															
11	RADIOLOGY SPECIAL-IST	91P10	PFC		1										Hosp Co w/164 beds (EAC and Corps).
12	RADIOLOGY SPECIAL-IST	91P10	SPC	1	1										
<b>Hospital Unit Base, Field &amp; Combat Support Hospital (MF2K)</b>															
13	RADIOLOGY SPECIAL-IST	91P10	PFC		1	1	1	2	2	2					Hosp Unit Base (CSH and Fld).
14	RADIOLOGY SPECIAL-IST	91P10	SPC	1	1	2	2	2	2	3					
15	RADIOLOGY NCO	91P20	SGT			1	1	1	1						
16	RADIOLOGY NCO	91P30	SSG					1	1						
<b>Mobile Army Surgical Hospital (MASH)</b>															
17	RADIOLOGY SPECIAL-IST	91P10	PFC	1	1										
18	RADIOLOGY SPECIAL-IST	91P10	SPC	1											

**Table 10-91P-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
19	RADIOLOGY SPECIAL-IST	91P10	SPC												One Radl Sp per: a. Area Spt Sqd of: (1) Med Co (FSB) of Div. (2) Med Co (MSB) of Div. (3) Med Co of Sep Bde. (4) Med Co (FSB) Spt Hvy Bn. (5) Hq and Spt Co (ASB and/or Area Spt). (6) Med Co and/or Med Trp of Spt Sqdn (ACR). b. Ident/Eff Recs Sec of QM GREEG Co. c. Evac/Mort/Cemtry of QM Mort Aff Co.
20	RADIOLOGY NCO	91P30	SSG												One Radl NCO in grade SSG per Hosp Co w/164 beds (TA and Corps).
21	SR RADIOLOGY NCO	91P40	SFC												1. Principal Radl NCO in Radl Sec of: a. Hosp Co w/164 beds when TF Orgn for Split Base Ops (TA and Corps). b. Hosp Unit Base (CSH, Evac, Fld, MASH and Sta Hosp). c. PLX Con Tm of CSH. 2. Hosp Unit (Gen) as second Radl NCO position.
22	CH RADIOLOGY NCO	91P50	MSG												Principal Radl NCO in Radl Svc or Sec of: a. Hosp Co w/84 beds when TF Orgn for Split Base Ops (EAC and Corps). b. Hosp Unit Base (Gen Hosp (MF2K and/or Gen Hosp).

**Notes:**

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-91P-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
<b>Radiology Section/Service</b>															
1	RADIOLOGY SPECIAL-IST	91P10	PFC		1	1	1	2	3	4	4	4	4		1. Grades of additional positions will be in same pattern. 2. Grading table will be used when not specifically identified in any other line.
2	RADIOLOGY SPECIAL-IST	91P10	SPC		1	1	1	1	1	1	2	2	3		3. Med Trmt Fac (excluding Military Entrance Processing Station (MEPS).
3	RADIOLOGY SGT	91P20	SGT			1	1	1	1	1	1	2	2		
4	RADIOLOGY NCO	91P30	SSG				1	1	1	1	1	1	1		
<b>Nuclear Medicine Service</b>															
5	RADIOLOGY SGT	91P20M5	SGT		1	1	2	3	4	5	6				1. Nuclear Med Svc of MEDCEN and/or MEDDAC. 2. Use with ASI M5.
6	RADIOLOGY NCO	91P30M5	SSG		1	1	1	1	1	1					
7	RADIOLOGY SGT	91P20	SGT												Principal Radl NCO in: a. MEPS. Subsequent positions will be graded by lines 1-2. b. U.S. Army Hlth Clin (OCONUS) one per Hlth Clin in: (1) Log Spt Unit of U.S. Army FORSCOM. (2) U.S. Armed Forces CENTCOM.
8	RADIOLOGY NCO	91P30	SSG												Principal Radl NCO in Diag Radl Sec an/or Svc of: a. MEDCEN--(BAMC, DDEAMC, MAMC, WAMC, WBAMC and WRAMC). b. MEDDAC--(Fts Carson, Jackson and Hood). c. MEDDAC--Heidelberg.

**Table 10-91P-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
9	SR RADIOLOGY NCO	91P4O	SFC													1. Principal Radl NCO in: a. C, Radl Sec of: (1) MEDCEN--(TAMC and WRAMC). (2) MEDDAC--(Fts Campbell, Eustis, Hood, Huachuca, Irwin, Leavenworth, McClellan, Polk and Redstone Arsn). b. Diag Svc and/or Diag Radl Sec of: (1) MEDCEN--(BAMC, DDEAMC, TAMC, WAMC, WBAMC and WRAMC). (2) MEDDAC--(Fts Hood, Jackson and Leonard Wood). (3) MEDDAC--(Heidelberg). c. Dept of Radl and Radl Svc and/or Sec in: (1) MEDCEN--(DDEAMC, TAMC and WRAMC). (2) MEDCEN--(TAMC-USAR). (3) MEDDAC--(Drum, Lee, Riley, Stewart and West Point). d. Diag Svc of MEDCEN--(MAMC and TAMC). e. CT Scan Sec of MEDCEN--(BAMC, MAMC and WRAMC). f. MRI Sec of MEDCEN--(MAMC). g. CT MRI Sec of MEDCEN--(WBAMC). h. Pre/Therpy Br of in U.S. Army Elm of Armed Forces Radl Rsch Inst. 2. Radl NCO as second position in: a. C, Radl Svc of (1) MEDCEN--(BAMC and MAMC). (2) MEDDAC--(Ft Benning, Riley and Sill). b. Diag Svc in MEDDAC--(Fts Campbell and Carson). 3. U.S.Army Aeromed Ctr (two Radl NCO positions will be graded SFC). 4. Nuclear Med Svc in MEDCEN--(MAMC and WAMC).
10	CH RADIOLOGY NCO	91P5O	MSG													Principal Radl NCO in C, Radl Sec of: a. MEDCEN--(BAMC, DDEAMC, LRAMC, MAMC, TAMC, WAMC, WBAMC and WRAMC). b. MEDDAC--(Fts Benning, Campbell, Carson, Hood, Jackson, Knox, Leonard Wood, Riley and Sill). c. Func Analysis Tm of U.S. Army Hlth Care Sys Spt Acty.

**Notes:**

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-91Q-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts 40 pounds and carries long distances.
2	1, 2, 3, 4, 5	2. Occasionally lifts 80 pounds and carries short distances.
3	4, 5	3. Frequently pushes 400 pounds on wheels for long distances.
4	4, 5	4. Must possess normal color vision.
5	4, 5	5. Must possess finger dexterity in both hands.

**Table 10-91Q-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	PHARMACY SP	91Q1O	PFC			1	1	2								1. Grades of additional positions will be in same pattern.
2	PHARMACY SP	91Q1O	SPC	1	1	1	2	2								2. This table will be used for all positions when not specifically identified in any other line.
3	PHARMACY SGT	91Q2O	SGT	1	1	1	1									3. Grading for Pharm Sec in: a. Gen Disp. b. Med and/or Med Clr Co. c. Co Spt of CS Bn. d. Med Log Co. e. Log Spt Co.
4	PHARMACY SP	91Q1O	PFC	1	1	1	1	2	3	3	3	3				1. Grading for Pharm Sec in: a. CSH, Evac, Fld, Gen and MASH.
5	PHARMACY SP	91Q1O	SPC	1	1	1	1	2	2	2	2	3	3			b. Hosp Co w/164 Beds (EAC and Corps).
6	PHARMACY SGT	91Q2O	SGT			1	1	1	1	2	2	2				c. Hosp Co w/84 Beds (EAC and Corps).
7	PHARMACY NCO	91Q3O	SSG			1	1	1	1	1	1	1	2			d. Hosp Unit (Med). e. Hosp Unit Base (CSH, Evac and Fld). 2. Pharm Tm of CSH.
8	STER PHARM SP	91Q1OY7	PFC	1	1	1	1	2	2	2	3	3				Grading table for all positions with ASI Y7 in:
9	STER PHARM SP	91Q1OY7	SPC			1	1	2	2	3	3	3				a. Pharm Svc of Gen Hosp (second and third position will be graded SPC and PFC respectively).
10	STER PHARM NCO	91Q2OY7	SGT	1	1	1	1	1	1	1	2	2				b. Bde Med Sup Ofc (BMSO) in Med Co of Sep Bde.
11	STER PHARM NCO	91Q3OY7	SSG			1	1	1	1	1	1	2				c. S4/Med Sup Sec in Area Spt Bn. d. HHD of Area Spt Med Bn.
13	STER PHARM NCO	91Q3OY7	SSG													e. Reg Med Sup Sec in Trp Hq of Spt Sqdn (ACR) and Trp Hq Sec in Med Trp of Spt Sqdn (ACR). f. Pharm Tm of CSH. g. Pharm Svc of Hosp Unit Base (CSH, Evac and Fld Hosp). h. Hosp Unit Surg (MAIN).
14	PHARMACY NCO	91Q4O	SFC													Principal Pharm NCO in: a. Div Med Sup Ofc (DMSO) of Med Co for all Div's (use with ASI Y7). b. Pharm Svc of Gen Hosp (use with ASI Y7). c. S4/Med Sup Sec in HHD of Area Spt Med Bn (use with ASI Y7).
15	SR PHARMACY NCO	91Q5O	MSG													Principal Pharm NCO in: a. Pharm Svc of Gen Hosp. b. Pharm Svc of Hosp Co w/84 (EAC and Corps).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-91Q-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	PHARMACY SP	91Q1O	PFC	1	1	2	2	2	2	3	3	4				1. Grades of additional positions will be in same pattern.
2	PHARMACY SP	91Q1O	SPC	1	1	1	1	1	2	2	2	2				2. Grading will be used for all positions not specifically identified by any other line.
3	PHARMACY SGT	91Q2O	SGT			1	1	1	1	2	2	2				
4	PHARMACY NCO	91Q3O	SSG			1	1	1	1	2	2					

**Table 10-91Q-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
5	STER PHARM SP	91Q1OY7	PFC			1	1	2	2	2	3	3	3	1. Single sterile pharm positions in Sec of MEDCEN-(WRAMC) will be graded PFC.
6	STER PHARM SP	91Q1OY7	SPC		1	1	1	1	2	2	2	2	2	2. Use of ASI Y7 with InPatient Pharm Svc positions only.
7	STER PHARM NCO	91Q2OY7	SGT	1	1	1	1	1	1	2	2	2	3	
8	STER PHARM NCO	91Q3OY7	SSG				1	1	1	1	1	2	2	
9	PHARMACY SGT	91Q2O	SGT											1. Principal Pharm NCO in: a. Pharm Svc of MEDDAC(Ft Leavenworth). b. U.S. Army Hlth Clin in Log Spt Unit (OCONUS)of U.S. Army FORSCOM. c. Pharm Sec of MEDCEN--(TAMC Schofield). As second Pharm position. 2. AUGTDA--Sec in HHC of MI Gp.
10	PHARMACY NCO	91Q3O	SSG											1. Principal Pharm NCO in: a. Pharm Spt Sec and/or Svc in MEDCEN--(BAMC, DDEAMC, LRAMC (Pharm Sup Sec only), WAMC and WBAMC). b. C, Pharm Svc in MEDDAC-(Fts Drum, Irwin and McClellan). c. Outpatient (OP) Pharm Svc in: (1) MEDCEN--(DDEAMC and WRAMC). (2) MEDDAC--(Fts Carson and Leonard Wood). 2. U.S. Army Hlth Clin of: (1) U.S. Army Forces (OCONUS) CENTCOM. (2) MEDDAC--(Ft Eustis). 3. S1/S4 Sec in HHC of Sp Ops Med Tng Bn of USAJFKSWC&S.
11	PHARMACY NCO	91Q4O	SFC											1. Principal Pharm NCO in Func Analysis Tm of U.S. Army Hlth Care Spt Acty. Only one per Acty. 2. Principal Pharm NCO in Inpatient (IP) Pharm Svc/Sec of: a. MEDCEN--(LRAMC, MAMC, TAMC, WAMC, WBAMC and WRAMC). b. MEDDAC--(Ft Campbell) 3. Principal Pharm NCO in OP Pharm Svc/Sec of: a. MEDCEN--(BAMC, DDEAMC, MAMC, TAMC, WAMC and WBAMC). b. MEDDAC--(Fts Carson and Sill). 4. Principal Pharm NCO in Pharm Svc and/or Div of: a. MEDCEN--(TAMC--Schofld Bks) and WRAMC-(Fts Belvoir and Meade). b. MEDDAC--(Fts Eustis, Huachuca, Irwin, Jackson, Knox, Leonard Wood, Monmouth, Polk, Riley and Stewart) and Alaska, West Point and Wurzburg. 5. Principal Pharm NCO in: a. Unit Dose Sec of MEDCEN-(BAMC and WRAMC). b. Amb Care Svc of MEDCEN-(WRAMC).
12	SR PHARMACY NCO	91Q5O	MSG											Principal Pharm NCO in C, Phar Svc and/or Dept of: a. MEDCEN--(BAMC, DDEAMC, LRAMC, MAMC, TAMC, WAMC, WBAMC and WRAMC). b. MEDDAC--(Fts Benning, Campbell and Hood) and Heidelberg.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-91R-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Constantly lifts 100 pounds and carries a distance of 6 feet as part of a 2 soldier team (prorated 50 pounds).
2	1, 2, 3	2. Frequently carries 66 pounds a distance of 100 meters as part of a 2 soldier team (prorated 33 pounds).
3	1, 2, 3	3. Must possess normal color vision and good near vision.
4	3	
5	3	

**Table 10-91R-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	FOOD INSPECTOR	91R1O	PFC			1	1	2	3	3	3	4	5		1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in other line.
2	FOOD INSPECTOR	91R1O	SPC		1	1	2	2	2	2	3	3	3		
3	FOOD INSPECTION SGT	91R2O	SGT	1	1	1	1	1	1	2	2	2	2		
4	PROCUREMENT SGT	91R2O	SGT	1	2	3	4	4							Tm in Food Procurement Sec of Procurement Det.
5	FOOD INSPECTION NCO	91R3O	SSG					1							
6	FOOD INSPECTOR	91R1O	PFC		1	1	2								Vet Svc Spt Sqd in Med Det of Vet Svc.
7	FOOD INSPECTOR	91R1O	SPC		1	1	1	1							
8	FOOD INSPECTION SGT	91R2O	SGT			1	1								
9	VET SVC NCO	91R3O	SSG												1. Principal Vet Svc NCO in: a. CA Tm in CA Co (DS) of CA Bn (GS). b. Vet Svc Spt Sqd in Med Det of Vet Svc. c. Tm in Det Hq and Vet Surv Sec of Surv Det for supervision of Vet Surv Tm (one per team). d. Vet Surv Sec in Med Det of Vet Svc (Small). 2. Mobile Sub-Tm in Med Det of Vet Svc (USAR only).
10	DETACHMENT SER-GEANT	91R4O	SFC												Principal NCO in Det Hq Sec with 75 or less soldiers when MOS 91R is predominate MOS.
11	VET SVC NCO	91R4O	SFC												Vet Svc NCO in Hq Sec in Med Det of Vet Svc when principal NCO graded MSG.
12	CH VETERINARY NCO	91R5O	MSG												Principal Vet Svc NCO in: a. Cmd Sec of Vet Spt Unit. b. Hq Sec in Med Det of Vet Svc. c. Prev Med and/or Prev Med/Vet Med Sec in HHC of Med Bde.
13	SR VETERINARY NCO	91R5O	SGM												Principal Vet Svc NCO in: a. Vet Svc Hq in Med Det of Vet Svc Hq. b. Vet Svc Sec in HHC of Med Cmd (Corps) and (EAC TA). c. Prof Svc Br in HHC of Med Cmd.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-91R-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	FOOD INSPECTOR	91R1O	PFC		1	1	2	3	3	3	4	4	5		1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions if not specifically identified in any line.
2	FOOD INSPECTOR	91R1O	SPC		1	1	2	2	2	3	3	3	4	4	
3	FOOD INSPECTION SGT	91R2O	SGT							1	1	1	1		
<b>Reserve use only (lines 4-6)</b>															
4	FOOD INSPECTOR	91R1O	SPC			1	2	3	3	4	4	4	5		Grades of additional positions will be in same pattern.
5	FOOD INSPECTION SGT	91R2O	SGT		1	1	1	1	1	2	2	3	3	3	
6	FOOD INSPECTION NCO	91R3O	SSG		1	1	1	1	1	1	1	2	2	2	
7	FOOD INSPECTION SGT	91R2O	SGT												1. Principal Vet Insp NCO in: a. U.S. Army Veterinary Command (VETCOM) Geographical Area of: (1) Great Plains Regional Veterinary Command (RVC) Food Inspection Sections at: (a) Fts--(Carson, Huachuca, Riley and Sam Houston). (b) Granite City, Great Lakes (food safety), Rock Island, Kingsville, Ingleside and Ft Worth Naval Air Station (NAS). (2) Northwest RVC Food Insp Sec at Monterey, Yakima, Everett, Bremerton, Bangor, Whidbey, Defense Logistics Agency (DLA) Dep, Greeley and Kodiak. (a) White Sands Msl Rng DDC. (b) Southern California DVC-(San Diego, Long Beach, Camp Pendelton, San Onofre, Port Hueneme, Pt Magu, Barstow, China Lake and Twenty Nine Palms.) (3) Pacific RVC Food Insp Sec in Food Insp Ctr for Pearl Harbor (FISC PH), Kaneohe Marine Corps Air Station (KMCA), Schofield Bks, Naval Exchange (NEX), Guam NEX; Atsugi Naval Air (ANA), NCAD and Sasebo (Japan). (4) North Atlantic RVC Food Insp Sec at: (a) Fts--(Belvoir, Benjamin Harrison, Bragg, Detrick, Drum, Lee, Meade, Monmouth and Myer). (b) McGuire/Dix. (c) Indiantown Gap, Dahlgren, Quantico, Patuxent, Forest Glen, Annapolis, Oakdale, New Cumberland and Tobyanna Army Depot, Scotia Naval Admin Unit, Picatinny, Mitchell Field, Brunswick, New Hampshire, New London, Newport, Lakehurst, Cape May, Cherry Point, Camp Lejeune, New River and Portsmouth. b. Southeast RVC Food Insp Sec at: (1) Fts--(Benning, Jackson and Rucker). (2) Redstone Arsenal, Meridian, Whiting Field, Pensacola, Kessler, Albany, Hunter, Mayport, Cecil Field, Kings Bay, Jacksonville, Patrick AFB and Key West. 2. Tracy Army Depot. 3. Cherry Point Br NC. 4. Food Assurance and Food Safety at Fts--(Hood and Sam Houston). 5. Vet Sec in U.S. Army Spt Elm for El Gora Sinai. 6. Commissary sections at Ft Hood, Pearl Harbor, Guam, Kaneohe, Richmond, Norfolk, Portsmouth, Little Creek and Oceana. 7. Shiprider at SPICA, San Jose and Niagra Falls. 8. AUGTDA--Med Det at Darmstadt, Feltwell, Giessen, Weisbaden, Naples, Rota and Sigonella.

**Table 10-91R-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
8	PROCUREMENT SGT	91R2O	SGT												<ol style="list-style-type: none"> <li>1. Principal Vet Procurement NCO in:               <ol style="list-style-type: none"> <li>a. Supply Points at:                   <ol style="list-style-type: none"> <li>b. San Diego.</li> <li>c. Denver DLA Cold Storage; Kansas City, Long Beach, DLA Spt Pt and Nashville (second position also graded SGT).</li> <li>d. Birmingham, Jacksonville, Jessup and Philadelphia (first thru third positions also graded SGT).</li> <li>e. Bay Area (first thru fourth positions also graded SGT).</li> </ol> </li> <li>2. Food Inspection Section at:                   <ol style="list-style-type: none"> <li>a. Mechanicsburg (first thru third position also graded SGT).</li> <li>b. Gloucester and New Orleans (first thru fifth positions also graded SGT).</li> </ol> </li> <li>3. Tracy Army Depot for Operational Rations (Ops Rats)(second position also graded SGT).</li> <li>4. Dallas-Fth Worth (DFW) Br of South Plains District Veterinary Command (DVC) (second position also graded SGT).</li> <li>5. DLA Cold Storage of Pacific NW DVC (first thru third positions also graded SGT).</li> <li>6. Meals Ready to Eat (MRE) Plants at CINPAC, McAllen (TX) and Southern Packing Company (SOPAKCO) (SC) (first thru third positions also graded SGT).</li> <li>7. AUGTDA--MED DET of Vet Svc at Felixstow, Feltwell, Guetersloh and Vicenza (second position also graded SGT).</li> </ol> </li> </ol>
9	QUALITY AUDITOR	91R2O	SGT												<ol style="list-style-type: none"> <li>Principal Vet QA NCO in:               <ol style="list-style-type: none"> <li>a. Sup Pts at Jacksonville, Kansas City, Norfolk, Philadelphia and Bay Area.</li> <li>b. DLA Cold Storage of Pacific NW DVC.</li> <li>c. DFW Br of South Plains DVC.</li> </ol> </li> </ol>
10	FOOD INSPECTION NCO	91R3O	SSG												<ol style="list-style-type: none"> <li>1. Principal Food Insp NCO in:               <ol style="list-style-type: none"> <li>a. Food Insp Br at Tracy and Hickam AFB.</li> <li>b. Food Inspection Section at:                   <ol style="list-style-type: none"> <li>(1) Fts--(Eustis, Irwin (DLA Depot), Knox, Leavenworth, Lee, Leonard Wood, Lewis, Polk and Sill).</li> <li>(2) West Point.</li> <li>(3) Guam, Pearl Harbor, Yokohama and Yokosuka of Japan.</li> </ol> </li> <li>c. Richmond Sup Pt.</li> <li>d. San Diego Dep and Commissary Sec (CMS).</li> <li>e. Quality Assurance and Food Safety at Fts--(Hood and Sam Houston).</li> <li>f. Vet Sec of U.S. Army Spt Elm for EL Gora Sinai.</li> </ol> </li> <li>2. Vet Tm and Industrial Ops Sec in Hq of ARNG STARC.</li> </ol>
11	PROCUREMENT NCO	91R3O	SSG												<ol style="list-style-type: none"> <li>1. Principal Vet Procurement NCO in:               <ol style="list-style-type: none"> <li>a. Supply Pts--(Birmingham, Columbia, Denver, Great Lakes, Jacksonville, Kansas City, Long Beach, DLA Sup Pt and Philadelphia).</li> <li>b. Milk Plant of Kanagawa.</li> <li>c. Dairy Insp Sec.</li> <li>d. Wright-Patterson Br.</li> <li>e. DFW Br of South Plains DVC.</li> <li>f. Food Insp Sec of New Orleans.</li> </ol> </li> <li>2. AUGTDA--Med Det of Vet Svc at:               <ol style="list-style-type: none"> <li>a. Keflavik and Vicenza.</li> <li>b. Bremerhaven, Edzell, Felixstow, Feltwell, and Guetersloh (second position graded SSG).</li> </ol> </li> </ol>
12	QUALITY AUDITOR	91R3O	SSG												<ol style="list-style-type: none"> <li>Principal Vet QA NCO in:               <ol style="list-style-type: none"> <li>a. Tracy Army Depot for Operational Rations.</li> <li>b. Mechanicsburg.</li> <li>c. MRE Plant of CINPAC, McAllen and SOPAKCO.</li> </ol> </li> </ol>

**Table 10-91R-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
13	VET SVC NCO	91R30	SSG												<ol style="list-style-type: none"> <li>1. Principal Vet Svc NCO in:               <ol style="list-style-type: none"> <li>a. Hq of North Atlantic RVC.</li> <li>b. Hq of DVC of Northern California, Southern California and South Atlantic.</li> <li>c. Vet Br of DVC at:                   <ol style="list-style-type: none"> <li>(1) Fts--(Carson, Myer, Riley, Richardson, Rucker and Wainwright).</li> <li>(2) McGuire/Dix, Redstone Arsenal and West Point.</li> <li>(3) Brunswick, Denver, Forest Glen, Iwakuni, Kaneohe, Lemoore, Millington and Wright-Patterson AFB.</li> </ol> </li> <li>d. Food Insp Sec of DVC at:                   <ol style="list-style-type: none"> <li>(1) Fts--(Campbell and Stewart).</li> <li>(2) Atlanta Sec and Roosevelt Roads NAS (PR).</li> </ol> </li> <li>e. Vet Det of Guantanamo Bay.</li> </ol> </li> <li>2. AUGTDA--Med Det of Vet Svc in Vet Lab Europe.</li> <li>3. AUGTDA--Med Det of Vet Svc at Naples and Sigonella and Rota.</li> <li>4. U.S. Army Instr Tm in support of U.S. Navy Instl's at:               <ol style="list-style-type: none"> <li>a. Bremerton, Croton and Mayport (use with SQI H).</li> <li>b. Yokosuka (use with SQI H).</li> </ol> </li> </ol>
14	FOOD INSP NCO	91R40	SFC												<ol style="list-style-type: none"> <li>1. Principal Food Insp NCO in:               <ol style="list-style-type: none"> <li>a. MRE Plant of the South Texas DVC at CINPAC, McAllen and SOPAKCO.</li> <li>b. Food Safety and QA Div of VETCOM.</li> <li>c. Sup Dep of DVC at Norfolk and Tracy.</li> <li>d. Tracy and Ft Sam Houston Ops Rats.</li> <li>e. Food Insp Sec of DVC at North Bay, Gloucester, Mechanicsburg and New Orleans.</li> <li>f. Vet Br of DVC at Singapore and West Coast.</li> <li>g. Sup Pt at Philadelphia, Norfolk and San Diego.</li> </ol> </li> <li>2. Vet Svc Sec in Hq of ARNG STARC at Colorado and Englewood.</li> <li>3. Hlth Promo and Prev Med Div in Hq of ARNG STARC at Austin.</li> </ol>
15	VET SVC NCO	91R40	SFC												<ol style="list-style-type: none"> <li>1. Principal Vet Svc NCO in Hq of RVC for South Central and South East Geographical (Geo) Area.</li> <li>2. Principal NCO in Hq of DVC for Alaska, Rocky Mtn and WESPAC.</li> <li>3. Principal NCO in Vet Br of Great Plains RVC at:               <ol style="list-style-type: none"> <li>a. Fts--(Hood, Leavenworth and Leonard Wood).</li> <li>b. Corpus Christi, Great Lakes, Louisiana and Oklahoma.</li> </ol> </li> <li>4. Vet Br of DVC for Northwest RVC at:               <ol style="list-style-type: none"> <li>a. Ft Lewis-(Rainer) and Travis AFB.</li> <li>b. Olympic and DLA Cold Storage.</li> <li>c. Mojave and San Diego.</li> </ol> </li> <li>5. Vet Br of DVC for Pacific RVC at:               <ol style="list-style-type: none"> <li>a. Ft Shafter and Schofield Bks.</li> <li>b. Yokosuka and Cp Zama.</li> </ol> </li> <li>6. Vet Br of DVC for North Atlantic RVC at:               <ol style="list-style-type: none"> <li>a. Fts--(Belvoir, Bragg, Drum, Knox, Lee, Meade, and Monmouth).</li> <li>b. APG, Andrews AFB, Carlisle Bks, Cp Lejeune, New London and Peninsula.</li> <li>c. Nat'l Capital DVC.</li> </ol> </li> <li>7. Vet Br of DVC for Great Plains RVC at Fts--(Bliss and Huachuca).</li> <li>8. Vet Br of DVC for Southeast RVC at:               <ol style="list-style-type: none"> <li>a. Fts--(Benning, Campbell, Gordon, Jackson and Stewart).</li> <li>b. Jacksonville, Memphis, Macdill AFB, Pensacola and Puerto Rico.</li> </ol> </li> <li>9. Pendelton Food Insp Sec.</li> <li>10. AUGTDA--Med Det of Vet Svc at Darmstadt, Feltwell, Guetersloh and Vicenza.</li> <li>11. U.S. Army Instr Tm in support of U.S. Navy Instl's at:               <ol style="list-style-type: none"> <li>a. Norfolk (use with SQI H).</li> <li>b. Pearl Harbor (use with SQI H).</li> <li>c. San Diego (use with SQI H).</li> </ol> </li> </ol>

**Table 10-91R-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
16	CH VETERINARY NCO	91R5O	MSG												1. Principal Vet Svc NCO in: a. Vet Med Div of Walter Reed Army Institute of Research (WRAIR). b. Vet Dept of Armed Forces Institute of Pathology (AFIP). c. Prod and Mktg Ofc of Defense Personnel Support Center (DPSC) Europe. d. Food Safety and QA Div, Vet Ops Div and Food Insp Spt Div in Hq of VETCOM. 2. Principal NCO in Hq of DVC (except Alaska, Rocky Mtn and WESPAC position will be graded by line 15). 3. Vet Br in DVC Norfolk. 4. DOD Mil Vet Lab of RVC. 5. Vet Med Div of U.S. Army Med Rsch Inst of Inf Dis (USAM-RIID). 6. Vet Med/Lab Rsch Div of U.S. Army Med Rsch Inst of Chem Def (USAMRICD). 7. AUGTDA--Med Det of Vet Svc at Hq Darmstadt and Vicenza.
17	FIRST SERGEANT	91R5M	1SG												Principal NCO in Co Hq Sec of DVC with 75 or more soldiers.
18	SR VETERINARY NCO	91R5O	SGM												Principal Vet Svc NCO in: a. Hq Sec of VETCOM. b. Ofc of the Cdr of RVC. c. Dept of Vet Sci (AMEDDC&S).

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-91S-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2	1. Frequently lifts 20 pounds and carries long distances.
2	1, 2	2. Frequently writes reports and compiles data.
3	1, 2	
4	2	
5	2	

**Table 10-91S-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	PREV MED SP	91S1O	PFC			1	2	2	2	3	3	4	4		1. Grades of additional positions will be in same pattern.
2	PREV MED SP	91S1O	SPC	1	1	1	1	2	3	3	3	3	4		2. Spt Ops Sec of QM Co (Force Prov). 3. Pvnt Med Tm of Med Det (PM).
3	PREV MED NCO	91S2O	SGT	1	1	1	1	1	1	2	2	2	2		4. Occ Envr Hlth Sec of Area Med Lab. 5. Pvnt Med Sec in HHD of Area Spt Med Bn. 6. Grading pattern will be used for all positions when not specifically identified by any other line.

**Table 10-91S-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
4	PREV MED SP	91S1O	PFC			1	1	1	2	3						1. Pvnt Med Sec in: a. Med Co of Sep Bde.
5	PREV MED SP	91S1O	SPC	1	1	1	1	2	2	2						b. HHD of Area Spt Bn (ASB),
6	PREV MED NCO	91S2O	SGT	1	1	1	1	1	1							c. H&S Co of ASB.
7	PREV MED NCO	91S3O	SSG			1	1	1	1							d. Med Co (FSB). e. HHC of MP Bn (EPW/CI).
<b>Health Physics</b>																
8	HEALTH PHYSICS SP	91S1ON4	SPC	1	1	1	2	3	4	5	6	7	8			1. Use this grading pattern for positions with ASI N4.
9	HEALTH PHYSICS NCO	91S2ON4	SGT			1	1	1	1	1	1	1	1			2. When single position grade as SGT in: a. Vet Lab Sec and Epidemiology and/or Envr Hlth Sec of TA Med Lab.
10	HEALTH PHYSICS NCO	91S3ON4	SSG	1	1	1	1	1	1	1	1	1	1			b. Area Med Lab. c. Pvnt Med Sec of Med Gp (MTOE only).
<b>Division Modular Medical System Preventive Medicine Module (MF2K)</b>																
11	PREV MED SP	91S1O	PFC			1	2	2	3	4	5					Pvnt Med Sec in Med Co (MSB) in support of AAslt, Abn, LID and Hvy Div.
12	PREV MED SP	91S1O	SPC	1	1	1	1	2	3	3	3	3				
13	PREV MED NCO	91S2O	SGT			1	1	1	1	1	1	1	1			
14	PREV MED NCO	91S4O	SFC	1	1	1	1	1	1	1	1	1	1			
<b>Medical Detachment, PM (Entomological or Sanitation (MF2K))</b>																
15	PREV MED SP	91S1O	PFC			1	2	2	3	3	3	3				1. Pvnt Med Det (Sanitation).
16	PREV MED SP	91S1O	SPC	1	1	1	1	2	2	3	3	4				2. Pvnt Med Det (Entomology). 3. Med Sec in Fwd Spt Co of Sp Ops Spt Bn (use with SQI S).
17	PREV MED NCO	91S2O	SGT			1	1	1	1	1	2	2				
18	PREV MED NCO	91S4O	SFC	1	1	1	1	1	1	1	1	1	1			
19	PREV MED NCO	91S3O	SSG													1. Principal NCO in Pvnt Med Sec in: a. CS Bn of Spt Cmd. b. HHD of Area Spt Med Bn. 2. Trp Hq in Med Co and/or Med Trp of Spt Sqdn (ACR). 3. H&S Co of ASB (MF2K). 4. TA Med Lab (MF2K). 5. Area Med Lab (MF2K). 6. Principal NCO of Pvnt Med Tm in Sp Ops Svc Co. 7. Med Sec in Hq Det of SF Bn (use with SQI S). 8. CA Tm of CA Det (DS).
20	PREV MED NCO	91S4O	SFC													1. Surg Sec and/or Pvnt Med Sec of Div Med Bn. 2. Med Plt Hq Sec and/or TR Sec in Hq and Main Spt Co of Sp Ops Bn (Abn). Use with SQI S. 3. Sp Clin in Hosp Co w/164 Beds when TF Orgn for Split Base Ops. 4. Pvnt Med Sec in Med Co (MSB) and (DSB).
21	DETACHMENT SER-GEANT	91S4O	SFC													Principal NCO in Det Hq Sec with 75 or less soldiers when MOS 91S is predominate MOS.
22	PREV MED NCO	91S5O	MSG													1. Prof Svc Sec in HHC of MEDCOM (Corps). 2. Pvnt Med Sec in HHC of Med Bde (Corps). 3. Ops Br in HHC of Med Bde. 4. S2/S3 Sec in HHC of Med Gp.
23	CHIEF ADVISOR	91S5O	MSG													LN Tm of MP Det (EPW/CI Br and/or Camp LN).
24	CH PVNT MED NCO	91S5O	SGM													Principal Pvnt Med NCO in HHC of MEDCOM (TA).

**Notes:**

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- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-91S-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	PREV MED SP	91S1O	PFC		1	1	1	1	1	2	2	2	2	2	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified by any other line.
2	PREV MED SP	91S1O	SPC		1	1	1	1	1	1	1	1	2	2	
3	PREV MED NCO	91S2O	SGT			1	1	2	3	3	3	3	4		
4	PREV MED NCO	91S3O	SSG				1	1	1	1	2	2	2		
<b>Health Physics</b>															
5	HEALTH PHYSICS SP	91S1ON4	SPC			1	1	2	3	4	5	5	5	5	1. Grades of additional positions will be in same pattern for all positions identified with ASI N4. 2. Radl Envr Sec in Hq of CECOM, Pvnt Med NCO positions will be graded SSG and identified with ASI N4.
6	HEALTH PHYSICS NCO	91S2ON4	SGT		1	1	1	1	1	1	1	2	2	3	
7	HEALTH PHYSICS NCO	91S3ON4	SSG			1	1	1	1	1	1	2	2		
8	PREV MED NCO	91S3O	SSG												1. Principal Pvnt Med NCO in: a. Reactor and/or Hlth and Phy Div of Armed Forces Radl Rsch Inst. b. FCDNA Det (JA) and Tech Comp Mer NV in U.S. Army Elm in Hq of Fld Cmd Def Nucl Agcy. c. Pvnt Med and Bio Med Dept in U.S. Army Elm of Uniformed Services University of Health Sciences (USUSHS)--(CHPPM-Main, CHPPM-Pacific and CHPPM-Europe). d. Hq of U.S. Army Elm (Sandia Base). e. Hlth Nurs Ofc (Memphis). f. U.S. Army Hlth Clin (OCONUS) of U.S. Army Forces CENTCOM. g. Pvnt Med Sec in Log Spt Unit (OCONUS) of U.S. Army FORSCOM (one per Hlth Clin). h. Det and Tech Comp Sec in U.S. Army Elm of Def Spt Wpns Fld Cmd. i. C, Pvnt Med Svc of MEDDAC-(Fts Drum and Irwin). 2. Principal Pvnt Med NCO in AUGTDA--G5 Sec of LID
9	PREV MED NCO	91S4O	SFC												1. Principal Pvnt Med NCO in: a. DSA North, South and West of CHPPM. b. C Pvnt Med Svc and/or Div in MEDDAC--(Fts Benning, Campbell, Carson, Knox, Leonard Wood and Stewart) and Alaska. c. Envr Hlth Sec of MEDDAC-(Heidelberg). 2. Med Br in Hq of U.S. Army Sp Ops Spt Cmd. 3. Surg Spt Ofc in Fld Ops Elm of U.S. Army Sp Ops (OP-PROVED) 4. Hlth Phys Ofc of U.S. Army Chem Sch (second position will be graded SSG).
10	PREV MED NCO	91S5O	MSG												1. Principal Pvnt Med NCO in: a. Rgn Spt Cmd of RC MEDCOM (Full Time Spt). b. U.S. Army PACEHEA and CHPPM (Europe). c. C Pvnt Med Svc in; (1) MEDCEN--(BAMC, DDEAMC, LRAMC, MAMC, TAMC, WBAMC, WAMC and WRAMC). (2) MEDDAC--(Ft Hood).
11	PREV MED NCO	91S5O	SGM												Principal Pvnt Med NCO in: a. Ofc of the Cdr of U.S. Army Ctr for Hlth Prom and Prev Med (CHPPM). b. Pvnt Med Div in Hq of U.S. Army Medical MACOM.

**Notes:**

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**Table 10-91T-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently lifts 125 pounds and carries short distances as part of a team.
2	1, 2, 3, 4, 5	2. Occasionally lifts 75 pounds and carries short distances.
3	1, 2, 3, 4, 5	3. Must possess normal color vision.
4	3, 4, 5	4. Must possess finger dexterity in both hands. 5. Frequently reads detailed technical manuals.

**Table 10-91T-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	ANIMAL CARE SP	91T1O	PFC		1	1	2	2	2	3	4	4	5	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in other line.
2	ANIMAL CARE SP	91T1O	SPC	1	1	1	1	2	2	2	2	3	3	
3	ANIMAL CARE SGT	91T2O	SGT			1	1	1	2	2	2	2	2	
4	ANIMAL CARE SGT	91T2O	SGT											Principal Animal Care NCO in: a. CA Tm of CA Co (DS). b. Det Hq and Vet Surv Sec of Surv Det. c. Vet Lab Sec of Med Lab (TA).
5	ANIMAL CARE NCO	91T3O	SSG											Principal Animal Care NCO in: a. Caisson Plt of Inf Bn (Old Guard). b. Animal Surg Sec of Animal Surg Hosp Det (as second animal care position when principal Animal Care NCO position is graded SFC). Subsequent positions will be graded by lines 1-3. c. CA Tm in CA Det (DS) of CA Bn.
6	VETERINARY OPS NCO	91T4O	SFC											1. Cmd Sec of Vet Spt Bn (graded ss second position when principal NCO position graded CSM). 2. Hq Sec in Med Det of Vet Svc (graded as second position when principal NCO is coded 91R and graded MSG).
7	DETACHMENT SER-GEANT	91T4O	SFC											Principal NCO in Det Hq Sec with 75 or less soldiers when MOS 91T is predominate MOS.

Notes:

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- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-91T-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	ANIMAL CARE SP	91T1O	PFC		1	1	2	2	2	3	4	4	5	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions if not specifically identified in any line or other guidance provided.
2	ANIMAL CARE SP	91T1O	SPC	1	1	2	2	2	2	2	2	3	3	
3	ANIMAL CARE SGT	91T2O	SGT				1	2	2	2	2	2	2	

**Army veterinary treatment facilities (VTF) on Air Force, Navy and/or Marine Corps installations**

4	ANIMAL CARE SP	91T1O	PFC	1	1	1	2	2	2					Grades of additional positions will be in same pattern.
5	ANIMAL CARE SP	91T1O	SPC		1	2	2	2	2					
6	ANIMAL CARE SGT	91T2O	SGT				1	2						

**Research and development/laboratory**

**Table 10-91T-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
7	ANIMAL CARE SP	91T1O	PFC			1	1	2	3	3	4	4	5	Grades of additional positions will be in same pattern.
8	ANIMAL CARE SP	91T1O	SPC	1	1	1	2	2	2	3	3	3	3	
9	ANIMAL CARE SGT	91T2O	SGT	1	1	1	1	1	1	1	2	2		
10	ANIMAL CARE SGT	91T2O	SGT											<ol style="list-style-type: none"> <li>1. Air Force Veterinary Treatment Facility (VTF) at Andrews, Barksdale, Dover, Dyess, Edwards, Eglin, Fairchild, Hickam, Luke, Macdill, Offutt, Randolph, Robins, Scott, Tinker, Travis, Wright-Patterson and Yokuska Air Force Base (AFB).</li> <li>2. Navy VTF at Brunswick Naval Air Station (NAS), Boller, Corpus Christi, Gitmo, Mirimar, Naval Station (NAVSTA), New London, Norfolk and Great Lakes Naval Training Center.</li> <li>3. Marine VTF at Camp Lejeune, Cherry Point, Kaneohe Marine Corps Air Sta, Parris Island and Pendelton.</li> <li>4. U.S. Army Elm (USAE) in Navy/Air Force Acty at Rsch Unit 2 of Indonesia, Naval Den Rsch Lab (NDRL) and Naval Den Rsch at Great Lakes, Naval Hospital San Diego (NAV-HOSP) and NAVHOSP at Portsmouth, Naval Acty Med Rsch Inst (NAMRI) Det at Bethesda and Armstrong Lab at Brooks and Wright-Patterson AFB.</li> <li>5. Department of Defense (DoD) Military Working Dog (MWD) Vet Svc of Lackland and Medina.</li> <li>6. Vet Br at Anderson, Beale, Ellsworth, Grand Forks, Hill, Jacksonville, Kirtland, Lemoore, Millington, Misawa, White Sands and Yokota; and Guam.</li> <li>7. Vet Sec at Buchanan, Charleston, Greeley, Port Hueneme, Keesler, Monterey, Patrick, Pensacola, Roosevelt Roads (PR) and Twenty Nine Palms.</li> <li>8. Comparative Path Br of Walter Reed Army Institute of Research (WRAIR).</li> <li>9. Comparative Med Br in Institute Surgical Research (ISR) of Brooke Army Medical Center (BAMC).</li> <li>10. Neurotoxicology, Advanced Assessment and Applied Pharm Br's of U.S. Army Medical Research Institute of Chemical Defense (USAMRICD), APG.</li> <li>11. Animal Care Br of U.S. Army Research Institute of Environmental Medicine (USARIEM), Natick.</li> <li>12. Pathogenis/Immun and Aero Product Eval Br's of U.S. Army Medical Institute of Infectious Disease (USAMRIID), Ft Detrick.</li> <li>13. Co of U.S. Army Jungle Ops Tng Ctr, Ft Sherman.</li> <li>14. AUGTDA--Med Det's of Vet Svc at Aviano, Croughton, Feltwel, Giessen, Lansdstuhl, Naples, Rota, Sigonella and Wiesbaden.</li> <li>15. Vet Svc and Install Med Spt Unit (IMSU)Sec's of USAR 1000 Bed Hosp.</li> </ol>
11	ANIMAL CARE NCO	91T3O	SSG											<ol style="list-style-type: none"> <li>1. DoD VTF at: <ol style="list-style-type: none"> <li>a. U.S. Air Force Academy.</li> <li>b. Azores, Bangor, Idaho, Montana, Newport, Patuxent River NAS and Quantico.</li> <li>c. Selfridge Army National Guard Base (SANGB).</li> <li>d. Davis-Monthan AFB, Hanscom AFB, Lackland AFB, Langley AFB, Little Rock AFB, Maxwell AFB, Minot AFB, McConnell AFB, Nellis AFB, Seymore-Johnson AFB, Sheppard AFB, Tyn-dall AFB, Vandenburg AFB, and Whiteman AFB.</li> </ol> </li> <li>2. USAE in Navy/Air Force Acty at Rsch Unit 3 of Egypt, Naval Medical (NAVMED) Rsch Inst of Bethesda and Naval Ocean SurvCtr (NOSC) of San Diego.</li> <li>3. Br of Vet Cmd at Holloman AFB, Cannon and Okinawa.</li> <li>4. Sec of Vet Cmd at Iwakuni and Sasebo.</li> <li>5. Dept of Animal Resources (second position also graded SSG) and Dept of Animal Med and Resp Rsch Br of WRAIR.</li> <li>6. Vet Med of WRAIR Sp Fgn Acty.</li> </ol>

**Table 10-91T-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
																7. Bio-Rsch Svc of William Beaumont Army Medical Center (WBAMC). 8. Env Physiology/Path and Comparative Physiology Div's of USARIEM, Natick. 9. Vet Med Div in U.S. Army Elm of Uniformed Service University of Health Services (USUHS), Bethesda. 10. Animal Med Lab Br of USAMRIID, Ft Detrick. 11. MWD Sec at Medina. 12. Front Royal Cust Ctr of Ft Myer's Br. 13. U.S. Army Spt Elm of El Gora, Sinai. 14. Med Tng Tmin HHC/Hq of Sp Ops Med Tng Bn of USAJFKSWCS. 15. AUGTDA--Med Det of Vet Svc at Incirlik and Maddalena. 16. IMSU Sec of USAR 1000 Bed Hosp.
12	VETERINARY OPS NCO	91T3O	SSG													Hq sec of DVC at Rio Grande and WESPAC.
13	ANIMAL CARE NCO	91T4O	SFC													1. Dept of Animal Resources of WRAIR. 2. Clin Inves Div of Madigan Army Medical Center (MAMC). 3. Navy Ocean Surv Ctr of San Diego. 4. Bureau of Med and Surg of USAE in Navy Acty. 5. Animal Med Lab Div in Health Sciences Dept of Lab Animal Med of USUHS. 6. Animal Med Div of VETCOM. 7. Animal Med Lab Br of USAMRIID, Ft Detrick. 8. DoD MWD Ctr at Lackland AFB.
14	VETERINARY OPS NCO	91T4O	SFC													1. Hq Sec in RVC North Atlantic, Northwest, Pacific, Southeast and South Central. 2. Hq Sec in DRC Allegheny, Central Pacific, Gulf Coast, Northeast, Northern California, Panama, Savannah Rapids, South Atlantic, South Plains, South Texas, Southern California, Southern Virginia, Tennessee Valley and Japan. 3. AUGTDA--Med Det of Vet Svc at Darmstadt, Heidelberg and Vicenza.

Notes:

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**Table 10-91V-1  
Physical requirements**

Skill level	Task numbers	Tasks
2	1, 2, 3	1. Occasionally lifts 180 pounds and carries 10 feet as part of a 2 soldier team (prorated 90 pounds). 2. Occasionally lifts 350 pounds and carries 25 feet as part of a 4-6 soldier team (prorated 58-88 pounds). 3. Must possess finger dexterity in both hands.
3	1, 2, 3	
4	1, 2, 3	

**Table 10-91V-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	RESPIRATORY SGT	91V2O	SGT	1	1	2	3	3	4	5	5	6	7	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used when not specifically identified in any other line.
2	RESPIRATORY NCO	91V3O	SSG	1	1	1	2	2	2	3	3	3		
3	RESPIRATORY SGT	91V2O	SGT											
4	RESPIRATORY NCO	91V4O	SFC											Principal Resp NCO in Anest Sec of: a. Hosp Co w/84 Beds only (EAC and Corps). b. Clin Svc Surg Hosp (minus). c. Nurs Svc Con Tm (only in MF2K) in Hosp Unit Base (CSH, Fld and Gen Hosp). d. Evac Hosp.

**Notes:**

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- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-91V-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	RESPIRATORY SGT	91V2O	SGT	1	1	2	3	3	4	5	5	6	7	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions when not provided by any other line.
2	RESPIRATORY NCO	91V3O	SSG	1	1	1	2	2	2	3	3	3		
3	RESPIRATORY NCO	91V4O	SFC											1. Resp Clin in: a. MEDCEN--(WRAMC). Second position also graded SFC. b. U.S. Army Inst of Surg Rsch. 2. MEDCEN--(Brooke, DDEAMC, LRAMC, MAMC, WBAMC, WAMC and TAMC). 3. MEDDAC--(Fts Benning, Campbell, Hood, Jackson, Knox, Lee, Leonard Wood, Polk, Riley and Sill) and Heidelberg. 5. Nurs Svc and/or Sec of USAR Hosp Nurs Svc Con Tm.

**Notes:**

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**Table 10-91X-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2	1. Occasionally lifts 45 pounds and carries 100 yards.
2	1,2	2. Occasionally lifts 58 pounds a height of 43 inches.
3	1, 2	
4	2	

**Table 10-91X-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	MENTAL HEALTH SP	91X10	SPC	1	1	2	2	3	3	4	4	5	5	1. Combat Stress Control (CSC) Co and/or Det. 2. Med Tm of CSC.
2	MENTAL HEALTH SP TEAM CHIEF	91X20	SGT		1	1	2	2	3	3	4	4	5	3. Pvnt Sec in Med Co and/or Med Det of CSC. 4. Principal NCO in Tm will be titled "Team Chief".
3	MENTAL HEALTH SP	91X10	PFC	1	1	1	2	2	2	2	2	3	3	1. NP Ward and Consult Svc in Base Hosp Unit of CSH, Evac, Fld and Gen Hosp. 2. Mental Hlth Sec in Hq and Spt Co of Area Spt Bn (ASB).
4	MENTAL HEALTH SP	91X10	SPC		1	1	1	1	2	2	2	2	3	
5	MENTAL HEALTH NCO	91X20	SGT			1	1	1	1	2	2	2	2	
6	MENTAL HEALTH NCO	91X30	SSG					1	1	1	2	2	2	
7	MENTAL HEALTH SP	91X10	PFC		1	1	1	2	2	2	3	3	3	1. Mental Hygiene Sec in MP Admin Conf Tm OH. 2. Med Sec in HHC of MP Conf Bn.
8	MENTAL HEALTH SP	91X10	SPC	1	1	1	2	2	2	3	3	3	4	3. Principal NCO in Tm will be titled "Team Chief".
9	MENTAL HEALTH NCO TEAM CHIEF	91X20	SGT			1	1	1	2	2	2	3	3	
10	MENTAL HEALTH SP	91X10	PFC		1	1	1	1	2	2	2	2	2	1. Mental Hlth Sec in:
11	MENTAL HEALTH SP	91X10	SPC		1	1	1	1	2	2	2	2	3	a. Med Co of Sep Bde. b. Med Co of Area Spt.
12	MENTAL HEALTH NCO TEAM CHIEF	91X20	SGT			1	1	1	1	1	2	2	2	c. Med Co in MSB of Div. d. Med Co of FSB. e. HHD of Area Spt Med Bn (ASMB). f. Hq & Spt Co of ASB.
13	MENTAL HEALTH NCO TEAM CHIEF	91X30	SSG				1	1	1	1	2	2	2	2. Tm in Pvnt Sec of Med Co (CSC) 3. Tm in Fitness Sec of Med Co (CSC). 4. Restoration Sec of Med Co (CSC). 5. Principal NCO in Tm will be titled "Team Chief."
14	MENTAL HEALTH NCO	91X40	SFC						1	1	1	1	1	
15	MENTAL HEALTH SP	91X10	SPC											Single Mental Hlth SPC position in: a. Mental Hlth Sec in Med Co of FSB. b. Mental Hlth Sec in Med Co Area Spt. c. Sp Clin in Hosp Co w/84 Beds (EAC and Corps). d. Med Sec in MP Det (I&R) (Conf). e. Tm LA in MP Admin Conf Tm OH.
16	MENTAL HEALTH NCO	91X20	SGT											Single Mental Hlth NCO position in: 1. Clin Svc in HHC of MEDCOM (EAC and Corps). 2. HHD of Med Gp.
17	MENTAL HEALTH NCO	91X30	SSG											Single Mental Hlth NCO position in: a. Sp Clin in Hosp Co w/164 Beds (EAC and Corps). b. Sp Clin in Clin Svc of Surg Hosp (Minus).
18	MENTAL HEALTH NCO	91X40	SFC											Single Mental Hlth NCO in: a. Mental Hlth Sec in Med Co of DSB. b. Mental Hlth Sec in HHC of Med Bde (EAC and Corps). c. Co Hq in Med Co (CSC).
19	DETACHMENT SER- GEANT	91X40	SFC											Principal NCO in Det Hq with 75 or less soldiers when MOS 91X is predominate MOS.

Notes:

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- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-91X-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	MENTAL HEALTH SP	91X10	PFC		1	1	1	2	2	2	2	3	3		1. Grades of additional positions will be in same pattern.
2	MENTAL HEALTH SP	91X10	SPC		1	1	1	2	2	2	3	3	3	4	2. MEDCEN and/or MEDDAC unless graded by lines 5 through 11.
3	MENTAL HEALTH NCO	91X20	SGT			1	1	1	1	1	2	2	2		3. Comm Conslg Sec.
4	MENTAL HEALTH NCO	91X30	SSG						1	1	1	1	1		4. Med Surg Ward in MEDDAC-(Ft Huachuca). 5. U.S. Army Health Clinic (USAHC) in Rheinberg and SAD. 6. USAG--(Ft Carson). 7. Grading pattern will be used for all positions when not specifically identified by any other line.
5	MENTAL HEALTH SP	91X10	PFC		1	1	1	1	2	2	2	2	3	3	1. Regional MEDCEN--(LRAMC).
6	MENTAL HEALTH SP	91X10	SPC			1	1	1	1	2	2	2	2	3	2. Soc Svcs in USAG--(Ft Lewis). 3. WRAIR.
7	MENTAL HEALTH NCO	91X20	SGT			1	1	1	1	2	2	2	2		4. HHC Aug--NP and Consult WD of Yong San. 5. Psych IP and NE in MEDCOM--(WRAMC).
8	MENTAL HEALTH NCO	91X30	SSG				1	1	1	1	2	2	2		6. Mental Hyg Svc in MEDDAC-- (Heidelberg and Wurzburg). 7. MEDCEN and/or MEDDAC: a. Cln Psy Svc. b. Disch Pln Sec. c. Psych OP.
9	MENTAL HEALTH SP	91X10	SPC		1	1	1	2	2	2	3	3	3	4	1. U.S. Army Inst of Surg Rsch.
10	MENTAL HEALTH NCO	91X20	SGT			1	1	1	2	2	2	3	3	3	2. U.S. Army Rsch Inst Env Med. 3. U.S. Army Aeromed Rsch Lab.
11	MENTAL HEALTH NCO	91X30	SSG			1	1	1	2	2	2	3	3		4. WRAIR Sp Fgn Actv. 5. MEDDAC--(Cp Zama). 6. Lab Army Rsch for Soldier Perf. 7. Amb Med Sec in MEDDAC--(Ft Huachuca). 8. NATICK Lab. 9. Prison Svc in WK.
12	MENTAL HEALTH NCO	91X20	SGT		1	1	1	2	2	2	3	3	3	4	Clin Rsch Div in U.S. Disciplinary Bks--(Ft Leavenworth).
13	MENTAL HEALTH NCO	91X30	SSG			1	1	1	2	2	2	3	3	3	
14	MENTAL HEALTH NCO	91X40	SFC				1	1	1	2	2	2	3	3	
15	MENTAL HEALTH NCO	91X30	SSG		1	2	3	3	4	5	6	6	7	8	Soc Work Div in U.S. Disciplinary Bks--(Ft Leavenworth).
16	MENTAL HEALTH NCO	91X40	SFC				1	1	1	1	2	2	2		
17	DRUG & ALCOHOL COUN	91X20M8	SGT		1	1	2	3	3	4	5	5	6	7	1. ADAPCP. 2. Fam Adv Sec. 3. Res Trmt Fac.
18	DRUG & ALCOHOL COUN	91X30M8	SSG			1	1	1	2	2	2	3	3	3	4. TRISARF. 5. Stf & Fac Div in Hq USMA--(West Point). 6. USAG--(Ft Ritchie). 7. ACS Branch in U.S. Army Spt of APG.
19	MENTAL HEALTH NCO	91X20	SGT												1. U.S. Army Tng Spt Ctr and Plans, Anal & Ops Br in USAG - (Ft Eustis). 2. Prison Svc of USAARMC--(Fts Knox and Hood). 3. USA FA Ctr & Ft Sill. Second position also graded SGT.
20	DRUG & ALCOHOL COUN	91X20M8	SGT												Additional positions will be graded per lines 17 and 18.
21	MENTAL HEALTH NCO	91X30	SSG												In-take Div MEDDAC--(Ft Leavenworth). Second position also graded SSG.
22	DRUG & ALCOHOL COUN	91X40M8	SFC												Res Trmt Fac in MEDCEN--(DDEAMC and WBAMC).

**Table 10-91X-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
23	MENTAL HEALTH NCO	91X4O	SFC													1. U.S. Army Ops Test & Eval Meth & Analysis Div (Alex Va). 2. Clin Psych Ofc in Fld Fld Ops Elm of U.S. Army Sp Ops Cmd. 3. MEDCEN--(BAMC, DDEAMC, LRAMC, MAMC, TAMC, WBAMC, WAMC and WRAMC). Second position also graded SFC. 4. MEDDAC--(Fts Benning and Jackson). Second positon also graded SFC. 5. MEDDAC--: a. Alaska, Heidelberg and West Point. b. Fts Campbell, Carson, Hood, Knox, Leonard Wood, Polk, Riley, Sill and Stewart.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-92A-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts 100 pounds 5 feet.
2	1, 2, 3, 4, 5, 6	2. Frequently carry 65 pounds 15 feet (prorated 67 pounds).
3	1, 2, 3, 4, 5, 6	3. Occasionally stands, stoops and sets for prolonged periods of time.
4	4, 5, 6	4. Frequently conducts visual inventories.
5	6, 7	5. Must possess normal color vision. 6. Must possess finger dexterity in both hands. 7. Occasionally writes to keep records and compile data.

**Table 10-92A-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<b>Materiel Control/Accounting</b>														
1	MAT CON/ACCTG SP	92A1O	PFC		1	1	1	2	2	2	3	3	3	1. Grades of additional positions will be in same pattern. 2. Positions in Sup Spt Acty, Special Ops Avn (SOA) Regt graded per line 35.
2	MAT CON/ACCTG SP	92A1O	SPC		1	1	1	2	2	2	3	3	4	
3	MAT CON/ACCTG NCO	92A2O	SGT			1	1	1	1	1	1	2	2	
4	MAT CON/ACCTG SUPV	92A3O	SSG						1	1	1	1	1	
<b>Division Supply Accounting</b>														
5	SUPPLY ACCTG SP	92A1O	PFC		1	1	1	1	2					Positions in Sup Spt Acty, SOA Regt, graded per lines 9 thru 11.
6	SUPPLY ACCTG SP	92A1O	SPC		1	1	1	1	2	2				
7	SUPPLY ACCTG SGT	92A2O	SGT			1	1	1	1					
8	SUPPLY ACCTG SUPV	92A3O	SSG						1	1	1			
9	SUPPLY ACCTG SP	92A1O	SPC						1	2	3	4	5	Sup Spt Acty, SOA Regt. Use with SQI S.
10	SUPPLY ACCTG SGT	92A2O	SGT			1	2	3	4	4	4	4	4	
11	SUPPLY ACCTG SUPV	92A3O	SSG		1	1	1	1	1	1	1	1	1	

**Division Supply Operation Automated**

**Table 10-92A-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
12	STOCK ACCTG SP	92A1O	PFC		1	1	1	2	2	3	3	3	4	Grades of additional positions will be in same pattern.
13	STOCK ACCTG SP	92A1O	SPC		1	1	1	2	2	3	3	3	4	4
14	STOCK ACCTG SGT	92A2O	SGT			1	1	1	1	1	2	2	2	
<b>TAMMS/PLL</b>														
15	EQUIP REC/PARTS SP	92A1O 92A1OB5	PFC					1	2	3	3			1. PLL, TAMMS or Shop Stock Sec of MTOE units authorized CI IX Stockage for repair of CI VII items and PLL Sec. 2. ASI B5 will be used to identify positions that include TACCS operations. 3. Positions in SOA graded per lines 18 and 19.
16	EQUIP REC/PARTS SP	92A1O 92A1OB5	SPC			1	2	2	2	2	2	3		
17	EQUIP REC/PARTS SGT	92A2O 92A2OB5	SGT		1	1	1	2	2	2	2	2		
18	EQUIP REC/PARTS SP	92A1O	SPC				1	2	3	4	5			1. SOA. Use with SQI S. 2. CSS AMO:
19	EQUIP REC/PARTS SGT	92A2O	SGT		1	2	2	2	2	2	2			a. HHC/MMC DISCOM. b. SPT ACR. c. HHC SIB. d. HHC HSB. e. HHC COSCOM.
<b>Materiel Handling Specialist</b>														
20	MAT STORE/HDLG SP	92A1O	PFC		1	1	2	2	3	3	4	4	4	Grades of additional positions will be in same pattern.
21	MAT STORE/HDLG SP	92A1O	SPC		1	1	1	1	2	2	2	3	3	
22	MAT STORE/HDLG SGT	92A2O	SGT				1	1	1	1	2	2	3	
23	MHE OPERATOR	92A1O	PFC		1	1	2	2	2					Grades of additional positions will be in same pattern.
24	MHE OPERATOR	92A1O	SPC			1	1	2	2					
25	MHE SGT	92A2O	SGT						1					
26	PACKING/CRATING SP	92A1O	PFC		1	1	2	2	3	3	4	4	4	Grades of additional positions will be in same pattern.
27	PACKING/CRATING SP	92A1O	SPC		1	1	1	1	2	2	2	3	3	
28	PACKING/CRATING SGT	92A2O	SGT				1	1	1	1	2	2	3	
29	ROUGH TERRAIN CON HDLR	92A1OB1	PFC		1	2	2	2						1. Grades of additional positions will be in same pattern. 2. Use with ASI B1.
30	ROUGH TERRAIN CON HDLR	92A1OB1	SPC		1	1	1	2	2					
31	ROUGH TERRAIN CON HDLR	92A2OB1	SGT						1					
<b>Subsistence Supply Operations</b>														
32	SUBSISTENCE SUP SP	92A1O	PFC		1	2	2	2	3	3	4	4	4	Grades of additional positions will be in same pattern.
33	SUBSISTENCE SUP SP	92A1O	SPC		1	1	1	2	2	2	3	3	4	4
34	SUBSISTENCE SUP SUPV	92A2O	SGT					1	1	1	1	2		
35	MAT CON/ACCTG SP	92A1O	SPC											Sup Spt Acty, SOA Regt. Subsequent positions also graded SPC. Use with SQI S.

**Table 10-92A-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
36	RATION DIST SGT	92A2O	SGT												<ol style="list-style-type: none"> <li>1. Prison Food Svc Tm and Sup Tm, MP Module (Confinement).</li> <li>2. Food Svc Sec, HHC MP Bn (EPW/CI). Subsequent positions graded SGT.</li> <li>3. CI I, II, IIIP, IV, and VII Sec, FSB.</li> <li>4. S&amp;T Sec, Spt Co, SF Bn/Gp (Abn). Position coded with SQI S.</li> <li>5. Sup Sec, QM Sup Co, FSB.</li> <li>6. CI I Sec, S&amp;S Co, MSB.</li> <li>7. Rec Stor &amp; Issue Sec, Fwd Sup Co S&amp;T Bn LID.</li> <li>8. Gen Sup Sec, S&amp;T Trp Spt Sqdn, ACR.</li> <li>9. CI I &amp; Wtr Sec, S&amp;T Co, Spt Bn, Hvy Sep Bde.</li> <li>10. CI I Sec: <ol style="list-style-type: none"> <li>a. QM Aug EAD Spt Tm.</li> <li>b. QM S&amp;T Co, Spt Bn, SIB.</li> </ol> </li> <li>11. CI I Sup Br, MMC (SplitOps) COSCOM.</li> <li>12. CI I/Wtr Br, COSCOM.</li> <li>13. CI I, II, IV, VII and CIF, Spt Co, (NSE).</li> <li>14. Sup Sec, FS Co (SOSB) (Abn).</li> <li>15. Gen Supply Sec, FSB.</li> <li>16. CI I Sup Br, HHC DISCOM.</li> </ol>
37	MAT MANAGEMENT NCO	92A2O 92A2OB5 92A2OF3	SGT												<ol style="list-style-type: none"> <li>1. S4 Sec, HHC PSYOP Gp (Abn). Position coded with SQI S and ASI B5.</li> <li>2. Tech Intel Sec, OpsAnalysis Co, MI Bn, TE.</li> <li>3. Sup Sec, Fwd Spt Co, FSB.</li> <li>4. Maint Sec, HHD MSB Hvy Div.</li> <li>5. CI II &amp; IV Sup, Avn Equip Sup, Avn Prts Sup, Elec Equip Sup, Elec Prts Sup, Armt/CVeh Equip Sup, Armt/CVeh Prts Sup, Msl Mun Prts Sup, Autmv Equip Sup, Autmv Prts Sup, Def Per Spt, Def Ind Sup, Gen Svc Sup, Gen Mat Sup and GSE Prts Sup Br, MMC COSCOM. Positions coded with ASI F3.</li> <li>6. DMMC TMGS, DISCOM.</li> <li>7. Packing/Crating Sec, QM Rep Prts Sup Co and Maint Co.</li> <li>8. Cust Svc (R), Elec Equip Sup, Autmv Equip Sup, Autmv Parts Sup, and Elec Prts Br, MMC COSCOM.</li> <li>9. Const-Mhe Mat, Grd Spt Mat and Grd Spt Prts Br, MMC TA.</li> <li>10. Auto Mat Br, C-E Mat Div, C-E Parts Br, Cbt Mat Br, Def Ind Sup Br, Per Sup Br, MslMat &amp; Trans Br, MMC TA. Subsequent positions also graded SGT.</li> <li>11. Avn Equip Sup, Avn Parts Sup, Elec Equip Sup, Elec Pats Sup, Armt/CVeh Equip Sup, Armt/CVeh Parts Sup, Msl Mun Sup, Autmv Equip Sup, Autmv Parts Sup, Def Per Spt, Def Ind Sup, Gen Svc Sup, Gen Mat Sup, and GSE Parts Sup Br, MMC, TAACOM. Positions coded with ASI F3.</li> </ol>
38	MAT CON/ACCTG NCO	92A2O	SGT												<ol style="list-style-type: none"> <li>1. Sup Ops Sec, HHS, Maint Bn (TMDE).</li> <li>2. Air Items Sup Sec, Spt Bn, Abn Div.</li> <li>3. Avn Sup, S4, RX &amp; QSS, Shp &amp; Rec, and Tech Sup Ops, Avn Bn.</li> <li>4. DS Maint Sec, Engr Bn Hvy Div.</li> <li>5. Tech Sup Ops, Avn Co.</li> <li>6. AD Spt, Inf Bn.</li> <li>7. Log/Ops Br, Sup &amp; Sev Co.</li> <li>8. Data Proc Sec (DAS3), QM Det.</li> <li>9. Rec Stor &amp; Shp Sec, CS Plt QM Map.</li> <li>10. Stk Cntl Sec, DS Maint Co.</li> <li>11. Proc Spt Br, COSCOM.</li> <li>12. Log Sys Autm, Cust Ser Br, Avn Maint (R), Elect Maint (R), and Grd Maint Br; CI V/Mun Div, CI II, IIIP, and IV, MMC COSCOM.</li> <li>13. Sup Plt, Inf Det.</li> <li>14. Sup Ops Sec, Avn Maint Co (AVUM/AVIM).</li> <li>15. Sup Spt Act, SOA Regt. First four positions graded SGT, subsequent positions graded SPC.</li> </ol>

**Table 10-92A-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
39	SUBSISTENCE NCO	92A3O	SSG												<ol style="list-style-type: none"> <li>1. CI I Sec:               <ol style="list-style-type: none"> <li>a. Sup Co, MSB Hvy Div.</li> <li>b. QM Sup Co.</li> <li>c. CI I/Wtr Br, HHC DISCOM/COSCOM.</li> <li>d. MMC, COSCOM.</li> <li>e. Hq &amp; Sup Co, MSB.</li> </ol> </li> <li>2. CI I, II and IV Sup Sec, HHC, Spt Bn, HSB.</li> <li>3. Mat Mgnt Tm, CI I (R) MMC (Split-Ops) COSCOM.</li> <li>4. CI I, II and IV Sup Sec, HHC, Spt Bn, SIB.</li> <li>5. Subsistence Br, MMC, TA.</li> </ol> Second through fourth positions graded SSG. <ol style="list-style-type: none"> <li>6. Gen Sup Sec, HSC Spt Bn (Avn), Hvy Div.</li> <li>7. Sup Sec, Fwd Spt Co SOSB (Abn). Position coded with SQI S.</li> <li>8. CI I, II, IIIP, IV and VII, Hq &amp; Sup Co, FSB.</li> <li>9. Gen Sup Sec &amp; Sup Sec, Hq &amp; Sup Co, MSB.</li> </ol>
40	MATERIEL SUPPLY NCO	92A3O	SSG												<ol style="list-style-type: none"> <li>1. SSA, HHC, SOA Regt. Position coded with SQI S.</li> <li>2. Store Sec, HHC QM GRREG Bn and Mort Aff Co (EAC).</li> <li>3. Req, Edit-Doc Con and Mgmt Asset Br, HHC/MMC DISCOM Hvy Div.</li> </ol>
41	DRMO NCO	92A3O 92A3OF3 92A3OG2	SSG												Prop Disposal Br, MMC COSCOM (second position also graded SSG)/TA (subsequent positions also graded SSG)/TAACOM. Position may be coded with ASI F3 or G2.
42	SUPPLY ACCTG SUPV	92A3O 92A3OT8	SSG												<ol style="list-style-type: none"> <li>1. SSA, HHC SOA Regt. Position coded with SQI S. Position coded with ASI T8.</li> <li>2. Sup Sec, QM Sup Co, FSB Hvy Div.</li> <li>3. Log Autm Sys Spt Ofc, HHC/MMC DISCOM Aslt Div.</li> </ol>
43	MAT MANAGEMENT SUPV	92A3O 92A3OF3 92A3OG2	SSG												<ol style="list-style-type: none"> <li>1. SSA, HHC SOA Regt. Position coded with SQI S. Second position also graded SSG.</li> <li>2. Sup Ops Sec, Avn Maint Co AVUM/AVIM.</li> <li>3. Ship &amp; Rec Sec, Storage &amp; Issue Sec, RX/QSS Sec, Avn Maint Co.</li> <li>4. DS Maint Sup Sec, HHC Cbt Engr Bn, Corps.</li> <li>5. Tech Sup Plt Hq, Ship/Recing Sec and Storage Issue Sec, Elec Maint Co.</li> <li>6. Tech Sup Sec, Msl Spt Co (Corps).</li> <li>7. Air Equip Ops Sup Sec, QM AD Eq Spt Co (Corps).</li> <li>8. AD Sup Sec, QM AD Eq Rep &amp; Sup Co.</li> <li>9. G4 Sec, HHC MP EPW Cmd.</li> <li>10. S4 Sec, TASOC.</li> <li>11. Sup &amp; Trans Sec, Spt Co SF Gp (Abn).</li> <li>12. Sup Sec, Sup Co MSB Hvy Div.</li> <li>13. Sup Sec, QM Sup Co FSB Hvy Div.</li> <li>14. Gen Sup Sec, S&amp;T Trp Spt Sqdn ACR.</li> <li>15. CI I &amp; Gen Sup Sec, QM Co Div Spt Bn.</li> <li>16. Equip Sec, QM Sup Co (GS).</li> <li>17. Sup Ops Ofc, QM Hvy MS Co GS.</li> <li>18. Sup Opns Ofc, QM Sup Co.</li> <li>19. Tech Sup Plt Hq and Ship/Recing Sec, Light Ord Maint Co.</li> <li>20. Tech Sup Sec, Fwd Maint Co (Aslt).</li> <li>21. Storage/RX Sec, Ord Maint Trp Spt Sqdn ACR.</li> <li>22. Storage Sec, Maint Co NonDiv DS.</li> <li>23. Tech Sup Sec, Ord Maint Co FSB LID.</li> <li>24. Ship/Recing Sec, Ord Maint Co MSB LID.</li> <li>25. Tech Sup Sec, Maint Co DS Patriot.</li> <li>26. Tech Sup Plt Hq, Ship/Recing Sec and Storage/Issue Sec, Grd Maint Co (DASB).</li> <li>27. Sup Sec, Fwd Spt Co FSB.</li> <li>28. CI I/Gen Sup Sec and CI IX Spt Sec, Base Spt Co, FSB.</li> <li>29. Sup Sec, Hq &amp; Sup Co, MSB LID.</li> </ol>

**Table 10-92A-2**  
**Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes			
			1	2	3	4	5	6	7	8	9	10				
																30. CI II, IIP, IV (Fwd), Log Sys Autm Br Rear (second position graded SSG), MMC (Split-Ops) COSCOM. Second position also graded SSG. Positions may be coded with ASI G2.
																31. Avn Equip Sup, Avn Prts Sup, Elec Equip Sup, Elec Prts Sup, Armt/CVeh Equip Sup, Armt/CVeh Prts Sup, Autmv Equip Sup, Autmv Prts Sup, Def Per Spt, Def Ind Sup, Gen Svc Sup, Gen Mat Sup, Msl/Mun Sup, and GSE Prts Sup Br, MMC COSCOM. Positions coded with ASI F3.
																32. Grd Spt Prts Br, MMC TA.
																33. Plns & Policy, Elec, Armt/CVeh, Msl Muns and Trp Spt Br, HHC & Sp Trp TAACOM.
																34. Avn Br and Auto Br, HHC & Sp Trp TAACOM. Second position also graded SSG.
																35. Avn Equip Sup, Avn Prts Sup, Elec Equip Sup, Elec Prts Sup, Armt/CVeh Eq Sup, Armt/CVeh Prts Sup, Msl Mun Sup, Autmv Prts Sup, Def Per Spt, Def Ind Sup, Gen Svc Sup, Gen Mat Sup and GSE Prts Sup Br, MMC TAACOM. Positions coded with ASI F3 or G2.
																36. Sup & Svc Br, HHC ASG.
																37. Msl & Mun, Auto, Armt & CVeh, Elec, Avn, and Trp Spt Div, HHC Theater Spt Cmd.
																38. Gen Sup Sec, HSC Spt Bn (Avn) Hvy Div.
																39. Sup Ops Ofc, S&S Co.
																40. Log Spt Br, COSCOM.
																41. CI II, III & IV, MMC COSCOM.
																42. CI II, IIP, IV & IV ACR Sqdn.
																43. Repair Prts Br, HHC/MMC DISCOM.
																44. S4 Log Sec, HHD Sig Bn.
																45. Stk Ctl Sec, Maint Co.
																46. Cargo Hdl Sec, Spt Bn.
																47. Tech Sup Sec, Maint Co TSC-A.

**Table 10–92A–2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
44	MAT CON/ACCTG SUPV	92A3O 92A3OF3 92A3OT8	SSG													<ol style="list-style-type: none"> <li>1. Avn Sup Sec, Aslt Hel Co (SOA). Position coded with SQI S.</li> <li>2. Sup Plt Hq/Tech Sup, RX/QSS Sec, Ship &amp; Recing Sec, Tech Sup Ops Sec, Storage-Issue Sec, Avn Maint Co (AVIM).</li> <li>3. DS Maint Sup Sec: <ol style="list-style-type: none"> <li>a. Hq &amp; Spt Co, Hvy Cbt Bn.</li> <li>b. HHC Cbt Engr Bn.</li> </ol> </li> <li>4. RX/QSS Sec: <ol style="list-style-type: none"> <li>a. Elec Maint Co.</li> <li>b. Light Ord Maint Co ID.</li> <li>c. Ord Maint Co MSB LID.</li> <li>d. Grd Maint Co (DASB).</li> </ol> </li> <li>5. Tech Sup Sec: <ol style="list-style-type: none"> <li>a. Mnt Co DS Hawk (Corps 3x2).</li> <li>b. Lt Maint Co MSB Abn Div.</li> </ol> </li> <li>6. SSA (Sep).</li> <li>7. Air Item Sup Sec, QM AD Eq &amp; Spt Co Abn Div.</li> <li>8. Airdrop Sec, QM AD Eq Rep &amp; Sup Co (Corps).</li> <li>9. Airdrop Spt Sec, QM AD Equip Rep/Sup Det.</li> <li>10. Light/Hvy Airdrop Plt Hqs, QM Hvy AD Sup Co.</li> <li>11. SSA (CI II, IV, VII and IX), AD Sec, Rigging Sec, Hq &amp; Main Spt Co, SOSB Abn. Positions coded with SQI S.</li> <li>12. CI IX Spt Sec: <ol style="list-style-type: none"> <li>a. QM Co, Div Spt Bn.</li> <li>b. Ord Maint Co FSB ID/Hvy Div.</li> <li>c. Ord Maint Co, Spt Bn HSB.</li> <li>d. QM Sup Co, FSB, Hvy Div.</li> <li>e. Spt Co (NSE).</li> <li>f. FSC (Abn).</li> </ol> </li> <li>13. Sup Op Ofc, QM Rep Prts Sup Co.</li> <li>14. Data Proc Sec (DAS3), QM Sup Spt Det LID.</li> <li>15. Rec, Storage &amp; Ship Sec, QM Map Sup Plt.</li> <li>16. Acft Prts Sup Sec, QM AC Rep Prts Sup Plt.</li> <li>17. Whse/Shipping Sec and Recing Sec, Lt Maint Co MSB, Aslt Div.</li> <li>18. Storage/RX Sec, Ord Maint Trp, Trp Spt Sqdn ACR.</li> <li>19. Storage Issue Sec, Ord Maint Co MSB LID.</li> <li>20. Main Sup Sec, Maint Trp Spt Sqdn ACR.</li> <li>21. Stock Ctrl Sec, Trans Fltg Craft GS Mnt Co.</li> <li>22. Railway Sup Sec, HHC Trans Railway Bn.</li> <li>23. Log Auto Sys Spt Sec, Mat Ofc, HHC/MMC DISCOM Hvy Div. Position coded with ASI T8.</li> <li>24. CSS AMO (second position also graded SSG) and Log Auto Sys Spt Ofc, HHT Spt Sqdn ACR.</li> <li>25. Grd Maint (R), Elec Maint (R), Log Sys Autm (R), Avn Maint Br (R), and Cust Svc (R), MMC (Split-Ops) COSCOM.</li> <li>26. Catalog File Maint, Inventory Adj and Equip Auth Br, MMC COSCOM. Positions coded with ASI F3.</li> <li>27. Marine-Railway Br, MarineRail Aug. Position coded with ASI F3.</li> <li>28. Input/Output Cont Br, Catalog Div, CVeh Mat Br, Msl Armt Wpns/Prts Br and Avn Prts Br, MMC TA. Positions may be coded with ASI F3.</li> <li>29. Catalog File Maint, Inventory Adj and Autmv Equip Sup Br, MMC TAACOM. Positions coded with ASI F3.</li> <li>30. Cgo Sec, Hq &amp; Sup Co, FSB &amp; MSB.</li> <li>31. CI II, IIIP, IV &amp; VII Sec, Hq &amp; Sup Co, MSB.</li> </ol>
45	MAT MANAGEMENT NCO	92A3O 92A3OF3 92A3OG2	SSG													<ol style="list-style-type: none"> <li>1. RX &amp; QSS Sec and DX/QSS/AMI Sec, Avn Maint Co (AVIM).</li> <li>2. Air Equip Ops Sup Sec, QM AD Equip Spt Co (Corps).</li> <li>3. AD Op Plt Hq, QM Light AD Sup Co.</li> <li>4. Storage and Sup Sec, QM Laundry &amp; Renovation Co.</li> <li>5. Sup Sec, QM Sup Co FSB.</li> <li>6. Rec Storage &amp; Issue Sec: <ol style="list-style-type: none"> <li>a. S&amp;S Co, MSB. Second position also graded SSG.</li> <li>b. Fwd Spt Co S&amp;T Bn LID.</li> <li>c. S&amp;T Co, Spt Bn Hvy Sep Bde.</li> </ol> </li> <li>7. QM Sup Co (GS).</li> </ol>



**Table 10-92A-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
47	SUBSISTENCE SUPV	92A4O 92A4OF3 92A4OG2	SFC												<ol style="list-style-type: none"> <li>1. G4 Sec, HHC, EPW Cmd.</li> <li>2. C I &amp; Wtr Sec, S&amp;T Co, S pt Bn Hvy Sep Bde.</li> <li>3. CI I Sec, QM Sup Co (GS).</li> <li>4. Log/Ops Br, HHD QM Sup &amp; Svc Bn.</li> <li>5. CI I Sup Br, HHC/MMC, DISCOM, Hvy Div. Position may be coded with ASI F3 or G2.</li> <li>6. CI II III (P) and IV Sec, HHT, Spt Sqdn, ACR.</li> <li>7. CI I/Wtr Br, HHC/MMC, DISCOM, AASLT/Abn Div.</li> <li>8. CI I, III (B) &amp; Wtr Br, HHC/MMC DISCOM, LID.</li> <li>9. Food Svc Spt Br, HHC COSCOM.</li> <li>10. CI I Sup Br, MMC (SplitOps) COSCOM. Position may be coded with ASI G2.</li> <li>11. Sup &amp; Svc Br, Corps Spt Gp.</li> <li>12. Subsistence Br, HHC and MMC, COSCOM.</li> <li>13. Subsistence Br, MMC, TA/TAACOM.</li> <li>14. Subsistence Br, HHC &amp; Spt Trp, TAACOM.</li> <li>15. Sup &amp; Svc Br, HHC, ASG.</li> <li>16. Subsistence Div, HHC Theater Sup Cmd.</li> </ol>
48	LOGISTIC NCO	92A4O	SFC												<ol style="list-style-type: none"> <li>1. COSCOM: <ol style="list-style-type: none"> <li>a. Procurement Sup, Sup, Plans, Log Sup and Subsistence Br.</li> <li>b. Svc Sec.</li> <li>c. Svc Spt, Armt/CVeh, Auto and Trp Spt Mat Div Ofc.</li> </ol> </li> <li>2. Sup Opns Dir, HNS Log Dir, HHC, ASG.</li> <li>3. Fid Svc Dir, Elec Div, Trp Sup Div, Subsistence Div, HHC, Spt Cmd (EAC).</li> <li>4. Stock Con Br. Sup Div, Signal/Maint Co.</li> </ol>
49	MAT CONTROL SUPV	92A4O 92A4OF3 92A4OG2 92A4O2S	SFC												<ol style="list-style-type: none"> <li>1. Sup Ops Sec, Avn Maint Co (AVUM/AVIM).</li> <li>2. Spt Ops Sec, HHC, AMB, AASLT Div.</li> <li>3. Spt Ops Sec, HHD, Avn Maint Bn (Corps).</li> <li>4. Maint/Sup Ops Sec, HHD, Avn Maint Bn (Corps) (EAC).</li> <li>5. Sto/Exc Sec, Ord Msl Spt Co (Div).</li> <li>6. Tech Sup Sec, Msl Spt Co (Corps).</li> <li>7. Tech Sup Sec, Mnt Co DS Hawk (Corps 3X2).</li> <li>8. Sup Spt Act (Sep SSA).</li> <li>9. Tech Sup Sec, Ord Msl Spt Co GS (EAC).</li> <li>10. Sup Mnt Plt Hq and Air Items Sup Sect, QM AD Eq &amp; Spt Co Abn Div.</li> <li>11. S4 Sec, TASOC. Position coded with SQI S.</li> <li>12. Rec Stor Shpg Sec, QM Sup Co (GS).</li> <li>13. Mat Sto &amp; Hdlg Sec, QM Hvy MS Co GS (Corps). Second position also graded SFC.</li> <li>14. Mat Sto &amp; Hdlg Sec, QM Hvy MS Co GS (TA). Second position also graded SFC.</li> <li>15. Log Ops Br, HHD, QM S&amp;S Bn.</li> <li>16. CI IX Spt Sec, Ord (Maint) Co, FSB (ID).</li> <li>17. CI IX Spt Sec, Ord (Maint) Co, (HSB) (SIB).</li> <li>18. Tech Sup Sec, Maint Co DS Patriot.</li> <li>19. Spt Ops Br, HHT, Spt Sqdn, ACR.</li> <li>20. Mat Sec, HHT, Spt Sqdn, ACR.</li> <li>21. Sup, Trans &amp; Svc Br, HHD, Maint Spt Bn, Hvy Div.</li> <li>22. ASL Mgmt Br, HHC/MMC DISCOM (LID).</li> <li>23. Spt Ops Sec, HSC MSB (LID). Position coded with ASI 2S.</li> <li>24. CI I Sec, Hq &amp; Sup Co, MSB Abn Div.</li> <li>25. Log Spt Br and Maint Spt Br, HHC, COSCOM.</li> <li>26. Autmv/Sys Div, Avn Maint Br, Cust Svc Br, MMC (SplitOps) COSCOM. Position may be coded with ASI G2.</li> <li>27. Sup &amp; Svc Br, HHC, Corps Spt Gp.</li> <li>28. S &amp; S Br, HHD, CSB.</li> <li>29. Avn Mat, C-E Mat, ArmtCVeh Mat, Auto Mat and Trp Spt Br, HHC, COSCOM.</li> <li>30. Avn Mat, Auto Mat, C-E Mat, Armt-CVeh Mat, Trp Spt Mat, Avn Equip Sup, Elec Equip Sup, Elec Prts Sup, Armt/CVeh Equip Sup, Armt/CVeh Prts Sup, Msl Mun Prts Sup, Msl Mun Supply Br Autmv Equip Sup, Autmv Prts Sup and Gen Mat Sup Br, MMC COSCOM.</li> </ol>

**Table 10-92A-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
																31. Marine-Rail Br, MarineRail (Aug). 32. Internation Log, Wpns Sys Replace Ops, Inv Adj, Equip Auth, Autmv Parts/Maint and CVeh Sys Opns Br, MMC TA. Positions coded with ASI F3. 33. Avn Equip Sup, Elec Equip Sup, Elec Parts Sup, Armt/CVEH Equip Sup, Armt/CVeh Parts Sup, Msl Mun Sup, Msl Mun Parts Sup, Autmv Equip Sup, Autmv Parts Sup, and Gen Mat Sup Br, MMC, TAACOM. Positions coded with ASI F3. 34. Sup & Svc Br, HHC ASG. 35. S & S Bn, HHD, Area Spt Bn. 36. Spt Opns Sec, HSC, Spt Bn (Avn) Hvy Div. 37. Spt Opns Sec and Plns/Liaison Sec, Hq & Main Spt Co, SOSB (Abn).Position coded with SQI S. 38. Sup Sec, Fwd, Spt Co (Abn). Position coded with SQI S. 39. Log Spt, HHC Med Cmd. 40. CI IX Sec, QM Co, DISCOM. 41. Tech Sup Sec, Maint Co MSB. 42. Tech Supply Sec, Maint Co TSC-A.
50	DETACHMENT SER-GEANT	92A4O	SFC													Principal NCO of a detachment with less than 75 soldiers.
51	PLATOON SERGEANT	92A4O	SFC													Principal NCO of a platoon.
52	DRMO NCO	92A4O 92A4OF3 92A4OG2	SFC													1. Spt Plans Br and Mat Sec, HHC, COSCOM. 2. Prop Disposal Br, MMC TA. Subsequent positions graded SSG. Position may be coded with ASI F3 or G2. 3. Proc/Disp Br, HHC, & Spt Trp, TAACOM. 4. Sup & Svc Br, HHC, ASG.
53	MAT MANAGEMENT NCO	92A4O 92A4OF3 92A4OG2 92A4OT8 92A4O2S	SFC													1. Plns/Liaison Sec and SSA (CI IX), Hq & Main Spt Co, SOSB Abn. Position coded with SQI S. 2. Sup Sec and CI IX, Fwd Spt Co, SOSB Abn. Position coded with SQI S. 3. G/E Eq Prts Sup and Hvy Equip Prts Sup Sec, QM Rep Prts Sup Co. 4. S2/3 Sec and Log/Ops Br, HHD QM Sup & Svc Bn. Position coded with ASI 2S. 5. Maint Ops Sec, HHD Ord (Mnt) Bn DS/GS. 6. Storage and Issue Sec, Trans Fltg Craft Mnt Co. 7. Ammo/Cargo Svl Br, HHC Trans Terminal Bn. 8. Gen Sup Sec and Mat Ofc, HHC/MMC DISCOM Hvy Div. Position coded with ASI T8. 9. Mat Sec, HHT Spt Sqdn ACR. Position coded with ASI T8. 10. CI II & IV Br, Mat Sec, CSS AMO, Trp Spt Br, and Munitions Br, Repair Prts Sec, HHC COSCOM. 11. Readiness Opns Div, Mat Mgmt Tm, CI II, IIIP and IV, Log Stat Br and Sup Div Br, MMC (Split-Ops) COSCOM. Position may be coded with ASI F3 or G2. 12. Sup & Svc Br, HHC Corps Spt Gp. 13. Inv Prts Br, Mat Sec, MslMun Mat Br, Gen Svc Sup Br Mat Mgmt Ctr Ofc, Avn Prts Sup Br, Def Per Spt Br, Def Ind Sup Br, Engr Svc Sup Br and GSE Prts Sup Br, MMC COSCOM. Position coded with ASI F3 or G2. 14. Plns & Procedures Br, Ops Br, Movement Sec, Input/Output Con Br Auto Mat Br, CVeh Mat Br, CVeh Prts/Mnt Br, ConstMHE Mat Br, Const-MHE Parts/Mnt Br, Msl-Mat & Trans Br, Wpns Mat Br, Msl-Arm Wpns/Prts Br, C-E Prts Br, Avn Mat Div, Avn Prts Br, Def Per Sup Br, Def Ind Sup Br, Gen Svc Sup Br, Grd Spt Mat Br, Grd Spt Prts Br, Inv Adj Br, Movement Plans Br and C-E Mat Div, and MMC TA. Position may be coded with ASI F3 or G2.

**Table 10-92A-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
															15. CSS AMO Ofc, HHC & Sp Trp, TAACOM. 16. Mat Mgmt Ctr Ofc, Avn Prts Sup Br, Def Per Spt Br, Def Ind Sup Br, Gen Svc Sup Br, and GSE Prts Sup Br, Cat FileMaint Br, Equip Aut Br, Input/Output Con Br, MMC TAACOM. Positions coded with ASI F3 or G2. 17. C-E Mat Div, Sup & Svc Br and CSS AMO, HHC ASG. 18. Log Spt Br, HHC Theater Cmd. 19. Whse Br, HHC Sig Cmd. 20. CI II, IIIP, IV and VII Sec, FSB/MSB. 21. Sup Opns Sec, Spt Bn. 22. Input/Output Cont, Cat File Maint, Equip Auth, Avn Maint (R), Log Stat, Movement Plans, and Log Sys Autm Br (R), MMC COSCOM. Position may be coded with ASI F3 or G2. 23. Mat Sec, CI II and IV Sup Br, HHC DISCOM. 24. Mat Mgmt Ofc, Hvy Sep Bde. 25. Sup, Trans & Svc Br, Spt Bn. 26. Gen Sup Sec, FSB. 27. Sup Sec, MSB. 28. CSS AMO: a. HHC MMC DISCOM. b. HHC SIB. c. HHC HSB. d. HHC, Support Group (Corps).
54	STOCK CONTROL SUPV	92A4O 92A4OF3 92A4OG2 92A4O2S	SFC												1. Sup & Svc Div, HHC Theater Sig Cmd. 2. Log Plans & Readiness Sec, HHC, Army Svc Comp Cmd. Position coded with ASI 2S. 3. Catalog Div, MMC TA. Position coded with ASI F3 or G2.
55	PROCUREMENT NCO	92A4O 92A4OF3 92A4OG1 92A4OG2	SFC												1. ACofS Mat Sec, HHC Engr Cmd. Second position graded SSG. 2. S4 Sec, TASOC. 3. Procurement Spt Br (second position graded SFC and subsequent positions graded SSG) and Procurement Br, HHC COSCOM. 4. Sup & Svc Sec, HHC, Corp Spt Gp. Second position graded SSG. 5. Procurement Br, subsequent positions graded SSG and Property Disposal Br, MMC COSCOM. Position coded with ASI F3 or G2. 6. Stock Fund Procurement Br, MMC TA. Second position graded SFC and subsequent position graded SSG. 7. Procurement/Disposal Br, HHC & Sp Trp TAACOM. 8. Procurement Br, subsequent positions graded SSG and Property Disposal Br, MMC TAACOM. Position coded with ASI F3 or G2. 9. Contracting Div, HHC Theater Spt Cmd. Subsequent positions graded SSG. 10. ACofS G4, HHC Eighth US Army.
56	OPERATIONS SGT	92A4O 92A4O2S	SFC												1. S2/S3 Sec, Hq & Main Spt Co, SOSB (Abn). Position coded with ASI 2S. 2. Rear Cmd Gp, MMC (SplitOps) COSCOM.
57	FIRST SERGEANT	92A5M	1SG												Principal NCO of a company with more than 75 soldiers.

**Table 10-92A-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
58	OPERATIONS SER- GEANT	92A5O	MSG													<ol style="list-style-type: none"> <li>1. Spt Ops Sec, Hq &amp; Main Spt Co, SOSB (Abn).</li> <li>2. Spt Ops Sec, QM Force Provider Co.</li> <li>3. Log Ops Br, HHD, QM S&amp;S Bn. 4. Log Plans &amp; Opns and Div Spt Ops Ofc, HHC/MMC DISCOM, Hvy Div.</li> <li>5. Plns-Ops Br and Spt Ops Sec, HHD Fwd Spt Bn Hvy Div.</li> <li>6. S2/S3 Sec and Spt Opns Br, HHT, Spt Sqdn, ACR.</li> <li>7. S2/S3 Sec, HHC, Spt Bn, Sep Bde (Hvy).</li> <li>8. Plans-Ops Br, FSB/MSB, Hvy Div.</li> <li>9. S2/S3 Sec, Spt Ops Sec, Hq &amp; Sup Co, FSB and MSB, AASLT Div.</li> <li>10. Spt Ops Sec, Hq &amp; Sup Co, FSB, LID.</li> <li>11. S2/3 Sec, Hq &amp; Sup Co, MSB (LID).</li> <li>12. S2/S3 Sec, Spt Ops Sec, Hq &amp; Sup Co, FSB, Abn.</li> <li>13. S2/S3 Sec, Spt Ops Sec, Hq &amp; Sup Co, MSB, Abn.</li> <li>14. Ops Br, HHC, COSCOM.</li> <li>15. Sup &amp; Svc Br, Plans-Ops Br, HHC, Spt Gp (Corps).</li> <li>16. Spt Ops Sec, S &amp; S Br, S2/S3 Sec, HHC, CSB.</li> <li>17. S2/S3 Sec, HHT, Spt Bn, SIB.</li> <li>18. Plans Div, MMC, TA.</li> <li>19. Plans Br, Plans &amp; Policy Br, HHC &amp; Sp Trp, TAACOM.</li> <li>20. Plans &amp; Ops Br, HHC, ASG.</li> <li>21. Spt Ops Sec, S2/S3 Sec, HHD, Area Spt Bn.</li> <li>22. S2/S3 Sec, HHD, Spt Bn (Base).</li> <li>23. Force Dev &amp; Plns Br, Sup &amp; Maint Dir and Plns &amp; Policy Ofc, HHC Theater Spt Cmd.</li> <li>24. S2/S3 Sec, Sup &amp; Svc Br.</li> <li>25. Spt Ops Sec, QM Spt Opns Sec (For Prov).</li> </ol>
59	MAT MANAGEMENT NCO	92A5O 92A5OG2 92A5OT8	MSG													<ol style="list-style-type: none"> <li>1. Sup Acty, HHC SOA Regt. Use with SQI S.</li> <li>2. Mat Ofc, HHC/MMC, DISCOM (Hvy Div).</li> <li>3. Regt Mat Mgmt Off, HHT, Spt Sqdn, ACR.</li> <li>4. Mat Mgmt Tm, MMC (SplitOps) COSCOM. Position may be coded with ASI G2.</li> <li>5. Mat Sec, HHC, COSCOM.</li> <li>6. Contracting Br, HHC Army Svc Comp Cmd.</li> <li>7. Gen Sup Sec and Mat Ofc, HHC/MMC DISCOM.</li> <li>8. Mat Mgmt Tm, Sup Cmd.</li> <li>9. Mat Mgmt Ofc, Spt Bn SIB.</li> <li>10. Bde Mat Mgmt Office, Sup Bn.</li> </ol>
60	LOGISTICS SERVICE NCO	92A5O 92A5OF3 92A5OG2	MSG													<ol style="list-style-type: none"> <li>1. Log Spt, HHC Med Cmd.</li> <li>2. Log Auto Sys Ofc, QM Sup Spt Det, LID and Spt Bn SIB.</li> <li>3. CSS ADP Mgmt Office, HHC Army Svc Comp Cmd.</li> <li>4. Log Auto Sys Spt Sec: <ol style="list-style-type: none"> <li>a. HHC/MMC, Spt Cmd Hvy Div.</li> <li>b. HHT Spt Sqdn ACR.</li> <li>c. HHC Spt Bn Hvy Sep Bde.</li> <li>d. HHC/MMC Spt Cmd Aslt Div.</li> <li>e. HHC Spt Bn SIB.</li> </ol> </li> <li>5. Procurement Br, HHC COSCOM.</li> <li>6. Marine-Railway Br, MarineRail Aug.</li> <li>7. Svc Spt Dir, Adj Proc Div, Tank-Auto Dir, Cmdt Veh Sys Div, MSL-Armt Sys Dir, Msl-Arm Wpns/Prts Br, Gen Mat Dir, and Trp Sup Mat Div, MMC TA. Position may be coded with ASI F3 or G2.</li> <li>8. ACofS, Svc Sec, Avn Br, Auto Br, Elec Br, Armt/CVeh Br, Trp Spt Br, and Subsist Br, HHC &amp; Sp Trp, TAACOM. Position may be coded with ASI F3 or G2.</li> <li>9. Svc Spt Div, Armt/CVeh Div, Auto Div, and Trp Spt Mat Div Ofc, MMC TAACOM.</li> <li>10. Spt Opns, Sup &amp; Svc Br, and HNS Dir, ASG.</li> <li>11. Log Spt Br, Contracting Br, and HNS Div, HHC Theater Spt Cmd.</li> </ol>

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-92A-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<b>Materiel control/accounting</b>														
1	MAT CON/ACCTG SP	92A1O	PFC		1	1	1	2	2	2	3	3	3	Grades of additional positions will be in same pattern.
2	MAT CON/ACCTG SP	92A1O	SPC		1	1	1	2	2	2	3	3	3	4
3	MAT CON/ACCTG NCO	92A2O	SGT			1	1	1	1	1	1	2	2	
4	MAT CON/ACCTG SUPV	92A3O	SSG						1	1	1	1	1	
<b>Sales</b>														
5	SALES CASHER	92A1O	PFC		1	2	2							Grades of additional positions will be in same pattern.
6	SALES CASHER	92A1O	SPC				1							
7	SALES CASHER	92A2O	SGT		1	1	1	1						
<b>TAMMS/PLL</b>														
8	TAMMS CLERK	92A1O	PFC			1	1	2	2	3	3	4		Grades of additional positions will be in same pattern.
9	TAMMS CLERK	92A1O	SPC		1	1	2	2	3	3	4	4		
10	TAMMS SGT	92A2O	SGT		1	1	1	1	1	1	1	1	1	
<b>PLL</b>														
11	EQUIP REC/PARTS SP	92A1O	PFC			1	1	2	3	2	2	4	4	Grades of additional positions will be in same pattern.
12	EQUIP REC/PARTS SP	92A1O	SPC		1	1	1	1	1	2	3	2	2	
13	EQUIP REC/PARTS SP	92A2O	SGT		1	1	1	2	2	2	3	3	3	4
14	MAT STORE/HDLG SP	92A1O 92A1OB1	PFC		1	1	1	2	3	3	4	4	4	1. Grades of additional positions will be in same pattern. 2. Use with ASI B1 as required.
15	MAT STORE/HDLG SP	92A1O 92A1OB1	SPC		1	1	1	2	2	2	2	3	3	
16	MAT STORE/HDLG SGT	92A2O 92A2OB1	SGT			1	1	1	1	2	2	2	3	
17	MHE OPERATOR	92A1O	PFC		1	1	2	2	2					Grades of additional positions will be in same pattern.
18	MHE OPERATOR	92A1O	SPC		1	1	2	2						
19	MHE SGT	92A2O	SGT					1						
20	PACKING/CRATING SP	92A1O	PFC		1	1	2	2	3	3	4	4	4	Grades of additional positions will be in same pattern.
21	PACKING/CRATING SP	92A1O	SPC		1	1	1	1	2	2	2	2	3	3
22	PACKING/CRATING SGT	92A2O	SGT			1	1	1	1	2	2	2	3	
<b>Subsistence Supply Operations</b>														
23	SUBSISTENCE SUP SP	92A1O	PFC		1	2	2	2	3	3	4	4	4	Grades of additional positions will be in same pattern.
24	SUBSISTENCE SUP SP	92A1O	SPC		1	1	1	2	2	2	3	3	4	4
25	SUBSISTENCE SUP SUPV	92A2O	SGT					1	1	1	1	1	2	
26	SUBSISTENCE SUP SUPV	92A2O	SGT											1. TISA. 2. Admin Ops Br, Acad Health Sciences. 3. QA/QC Div/Asset Con, Ops Br, USA Pusan Storage Facility. 4. Sup Sec, HHD Arty Gp.

**Table 10-92A-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
27	MAT MANAGEMENT NCO	92A20	SGT												<ol style="list-style-type: none"> <li>1. Rsch Mgmt &amp; Plans Div, USISC-Yuma.</li> <li>2. Lsn Mat Spt Ctr, USASMA.</li> <li>3. Ops Br, USA Pusan Storage Facility.</li> <li>4. Dir Msl Elec Opr, USA Depot Mainz.</li> <li>5. Sig Intel Div, USA Commo/Elect Cmd, Rsch, Dev and Engr Ctr.</li> <li>6. Spt Ops, Stk Ctl, MMC, ARIND, U.S. Army Log Spt Sinai.</li> <li>7. Stk Ctr Sec, USA Equip Maint Ctr.</li> <li>8. Log Ops Br, USA Def Acq Univ.</li> <li>9. Log Div, USA Equip Eval Acty.</li> <li>10. Flt Det, USA Elm Supreme.</li> <li>11. Sup Sec, Whse Sup Sec, USA Elm AFSOUTH.</li> <li>12. Log &amp; Manpower Br, USA Elm (AFLS).</li> <li>13. CCC Div, USA FA Sch.</li> <li>14. Spt Div, USA Chem Sch.</li> </ol>
28	MAT SUPPLY NCO	92A20	SGT												<ol style="list-style-type: none"> <li>1. Spt Equip Br/Fldg Br, USACECOM CMC.</li> <li>2. Cat Sec, Elm USA-AFCENT.</li> <li>3. Res Inst/M, USA Chemical School.</li> <li>4. Whse Div, USA Elm Def Dist Reg-W.</li> <li>5. Log Sys Gp, USA Joint Sys Ctr Act.</li> </ol>
29	STOCK CONTROL NCO	92A20	SGT												<ol style="list-style-type: none"> <li>1. Log Dir, USA Elm Natl Defense Univ.</li> <li>2. Rsch &amp; Rcln Br, USA Depot SHAPE.</li> <li>3. Inventory Mgmt Br, USA Pusan Storage Facility.</li> <li>4. NET Sup, USA Broadcasting Svc.</li> <li>5. Mat Mgmt Br, USA Depot Seneca.</li> <li>6. Second position in Log/Proc Br, WHCA.</li> <li>7. Rpr Prts Tm, NTC Ft Irwin. Subsequent position also graded SGT.</li> </ol>
30	DRMO NCO	92A20	SGT												Property Disposal Sec of OCONUS Log Spt Unit.
31	SUBSISTENCE NCO	92A30	SSG												<ol style="list-style-type: none"> <li>1. Ops Spt Br, TAMMC Br, USA Elm Def Subs Region Europe.</li> <li>2. TISA, USMCA, Grafenwahr.</li> <li>3. 1st USA Spt, Sinai.</li> <li>4. Ops Br, USA Pusan Storage Facility.</li> <li>5. Gar Opns Tng Br, USAQMC&amp;S.</li> <li>6. Rations Br, Disc Bks, Ft Leavenworth.</li> <li>7. TISA (PTA) USAG, Hawaii.</li> <li>8. TISA USAG Alaska. Subsequent positions also graded SSG.</li> <li>9. Sus Q Dist Site and DDD Germersheim, USA Elm Def Reg-E.</li> <li>10. Food Svc, USA Elm Def Per Spt Ctr.</li> <li>11. TAMMC br, USA Elm Def Subsistence Reg Eur. Subsequent positions also graded SSG.</li> </ol>
32	STOCK CONTROL NCO	92A30	SSG												<ol style="list-style-type: none"> <li>1. Spt Sec, USA Joint Avn Spt Acty.</li> <li>2. Log Div, USA Eq Eval Acty.</li> <li>3. Sup Sec, USA Elm SHAPE.</li> <li>4. Sup Div, USA 1st Spec Ops Cmd.</li> <li>5. PP &amp; C Br, USA Depot Sacramento.</li> <li>6. Research/Recon Br, Phy Inven Br, USA Depot Tooele.</li> <li>7. TOT Pkg Fld Sec, Hq TROSCOM. Second position also graded SSG.</li> <li>8. RF AS/PAC, RF ME/AF, RF EU/AM, Mat Fld Sec, USA Armt Mun &amp; Chem Cmd.</li> <li>9. Log/Proc Br, WHCA. Second position graded SGT.</li> <li>10. Sup &amp; Svc Sec, USAG, HI.</li> <li>11. Mat Fielding Div, Hq USA Msl Cmd.</li> <li>12. Stk Con/Sp #60, 20th Spt Gp HHC (Aug).</li> <li>13. SSSC, 34th Spt Gp, HHC (Aug).</li> <li>14. Log Mgt Div, USA SOC.</li> <li>15. USA Avn and Trp Cmd: <ol style="list-style-type: none"> <li>a. Trp Br. Additional positions graded SSG.</li> <li>b. Avn Fielding Br.</li> </ol> </li> </ol>



**Table 10-92A-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
															59. CIF, USAG: a. 34th Spt Gp HHC (Aug). b. Alaska. 60. Log Ofc, SAM Pentagon ITS. 61. Prod Plng & Con, USA Depot Acty, Leghorn. 62. Sup & Act Sec, USA Elm SHAPE. 63. Cent Rec Point, 20th Spt Gp, HHC (Aug). 64. Spt Br, USA Sch of America. 65. Dir of Op Stk, USA Depot, Sierra. 66. Sup Br, USA Ord Ctr & Sch.
34 DRMO NCO	92A30	SSG													1. USA Elm Def Reutilization and Marketing Ofc Pac/Eur, Rear Det, II, IV, & VII, MMC Prop. 2. 1st USA Spt Sinai. 3. Proj Ofc, USA Elm Def Reutil & Mark Svc. Subsequent positions also graded as SSG.
35 PROCUREMENT NCO	92A30	SSG													1. Mission Spt, USAG Panama. Second position also graded SSG. 2. Contracting, U.S. Army Forces Central Cmd.
36 LOG STAFF NCO	92A30	SSG													1. Dir of Log, USA Mil Com Act, Mainz. 2. Sup/Svcs Div, USA Avn Ctr & Ft Rucker. 3. Log Opns Sec, USA FA Ctr & Ft Sill. 4. Program Execution Br, Hq USA TACOM. 5. Log Div, USAISC-Pentagon. 6. Oper Br, USA Pusan Storage Facility. Second thru third positions also graded SSG. 7. Sup, Hq AFCE. 8. Log Auto Dir, USA Euro Task Force. 9. Hq Co, Army Ctr for Health Prom & Prev Med. 10. Mat Mgmt Br, Walter Reed Army Institute of Research. 11. Net Mgmt Elm, U.S. Elm, SOC Joint Intel Ctr. 12. Log Sec, USA Spt Coord TM2. 13. Log Div, U.S. Army Equip Eval Acty. 14. Space, U.S. Army Equip Eval Acty (additional position also graded SSG): a. Ft Detrick. b. Stuttgart. c. Colorado. d. Peterson. 15. Sim Div, Hq USAG Ft. Stewart. Additional position graded SSG. 16. Equip Mgt Sec, USA Elm Sup Allied Eur. 17. Msn Spt, USAG Panama. Second position also graded SSG. 18. Cons Instr Br, USA Tng Ctr, Ft Jackson. 19. Nat Maint Pt, USA Armnt & Chem Log Acty. 20. Det Hq, 22d Spt Gp Aug. 21. HHC, USAG Panama. Second position also graded SSG. 22. Msn Spt, USAG Panama. 23. Res Comp Div, USA Depot Tobyhanna. 24. Stor Div, USA Depot Acty Leghorn. 25. S4 Sec, USAG, Ft Bragg. 26. Lasso, NTC, Ft Irwin. 27. Sup Sec, USA Elm Allied SE EUR/ALFS. 28. SW Cont Ctr, USA Med Cmd, Health Care Acq. 29. Log Mgt Div, USA Tech App Prog Office. 30. AV/IEW/AOP/CCS Br, Hq USA Comm-Elec Cmd. 31. CI IV Avn, USA FORSCOM, Sinai. 32. Trp Br, USA Avn & Trp Cmd.
37 MAT STOR & HDLG NCO	92A30	SSG													1. Con Inst Pbk Br, USA Tng Ctr & Ft Jackson. 2. Log Br, WHCA. Second position graded SGT. 3. Dir of Op Spt, USA Depot, Red Rvr Stor Div. 4. Storage Div, USA Depot Leghorn.

**Table 10-92A-3**  
**Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
38	MAT CON/ACCTG SUPV	92A3O	SSG												<ol style="list-style-type: none"> <li>1. MMC, MSAMC Grafenwoher.</li> <li>2. Tech Integ Cen, Admin Spt Ofc, USA Info Sys Engr Cmd.</li> <li>3. NET/EN/MN/SU, Log Div, USA Broadcasting Svc.</li> <li>4. Ft Bragg Detach, 1110th Sig Bn.</li> <li>5. Maint Admin Plt, Engr Ctr &amp; Ft Leonard Wood.</li> <li>6. S4 Sec, U.S. Army Ord Cent &amp; Sch.</li> <li>7. Mat Mgmt Ctr (Regt), Armor Ctr &amp; Sch.</li> <li>8. Tech Supply Sec, Intel Ctr &amp; Sch.</li> <li>9. Depot Spt/Prod Ctrl Br, Allied Forces Central Europe.</li> <li>10. Pubs Whse Sec, Inf Sch &amp; Ft Benning.</li> <li>11. Opns Div and Prod Control Sec, FA Ctr &amp; Sch.</li> <li>12. Stk Cont Team, NTC &amp; Ft Irwin.</li> <li>13. Cent Rec Pt-Psn, 20th Spt Gp HHC Aug.</li> <li>14. IEWPC Sec, USA Intel Ctr &amp; Sch.</li> <li>15. Sup/Sup &amp; Acct Sect, USA Elm ALFS.</li> <li>16. MMC Stk Con, USA FORSCOM Sinai. Subsequent positions also graded SSG.</li> <li>17. Sup &amp; Acct Sec, Sup Sec, USA Elm Supreme, Hq EUR.</li> <li>18. Coord Spt Br, USA Ctr, Ft Knox.</li> <li>19. SSSC, Taegu, 20th Spt Gp (HHC) Aug.</li> <li>20. Log Auto Sys Op &amp; Mat Ofc 296th CS Bn (Aug).</li> <li>21. Pat Sys Mnt, ADA Sch.</li> <li>22. S4 Log Br, USAG, Ft Hood.</li> </ol>
39	MAT MGMT NCO	92A3O	SSG												<ol style="list-style-type: none"> <li>1. S4, USA Tng Bde, Ft McClellan.</li> <li>2. Sup Spt Br, USA Fac Engr Acty, Korea.</li> <li>3. Correspondent Studies, USASMA.</li> <li>4. Svc/Distr &amp; Org Maint, USA Tng Spt Acty, Korea.</li> <li>5. Stor/Issue, Hq AFCE.</li> <li>6. WBAMC Cont, Med, USA HSC Acq Agency.</li> <li>7. Cen Rec, II, IV, VII/Sup Sec/Rep Parts, 1st USA Spt Sinai.</li> <li>8. Stor Br, Insp &amp; Class Br, S&amp;S Bn.</li> <li>9. Stor Br, Sup &amp; Stor Div, Furn Mgmt Sup Gp.</li> <li>10. Stock Ctrl, QM Co.</li> <li>11. Log Ofc, Single Agcy Mgr, Pentagon.</li> <li>12. S4 Sec, FA Ctr &amp; Sch.</li> <li>13. Repair Par Sec, U.S. Army FORSCOM Log Spt Unit Siani.</li> <li>14. Sec Maint, 8th U.S. Army Spc Trp Cmd.</li> <li>15. Dist Br, Mat Mgmt Br, USA Tele-Audio Spt Acty.</li> <li>16. OC NATO-Maint, Cbt Equip Gp, Europe.</li> <li>17. Whse Div/Br, Rec Div/Br, Def Depot.</li> <li>18. Rec &amp; Dist Br, USA TCLSOEurope.</li> <li>19. PBO, USMCA Stuttgart.</li> <li>20. Log Div, USAISC Pentagon.</li> <li>21. Asset Ctrl Br, WHCA.</li> <li>22. MacDill Det, Pacific Ofc, Def Mat Agency, Cbt Spt Ctr.</li> <li>23. Sup Mgmt, USAG Alaska.</li> <li>24. Sup/Acctg Sec, USA Elm SHAPE.</li> <li>25. Ops Br, USA Pusan Storage Facility. Second thru fifth positions also graded SSG.</li> <li>26. Admin Spt, USAISD.</li> <li>27. Tool Crib Opns, C&amp;P Sec, Gen Sup Div, USA Depot Anniston.</li> <li>28. Pres, Pack &amp; Pkg Br, Stock Ctrl Br, Prp Mgmt &amp; Doc Ctrl, Loose Issue Sec, Bulk Whse Sec, Rec Br (second position also graded SSG), Veh Spt Br, USA Depot Letterkenny.</li> <li>29. Asst Sec, USA Depot Sacramento.</li> <li>30. Whse Br, USA Depot Shape.</li> <li>31. UMFP Br, USA Depot New Cumberland.</li> <li>32. Mat Svc Br, USAG Ft Monmouth.</li> </ol>



**Table 10-92A-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
																90. Customer Spt Br, Avn Fielding Br, U.S. Army Aviation & Troop Cmd. 91. Materiel Br, USAG Ft Polk. 92. Food Svc Bus Unit, USA Elm Def Per Spt Ctr.
40	MAT CONTROL SUPV	92A3O	SSG													1. Inventory Mgmt Br, USA Sig Bde. 2. APACHE Europe/Ft Hood, BH CONUS MFT, USA Mgmt Spt Agcy. 3. POMCUS CI IX, Shop Stock/HHC USA Cbt Equip Gp Europe. 4. SSSC Sup Br, USMCA Heidelberg. 5. Stor, CIF, USAG Alaska. 6. QA/QC Div/Asset Ctrl, Ops Br (second position also graded SSG), USA Pusan Storage Facility. 7. Mat Mgmt Br, Inventory Mgmt Br, USA Depot Seneca. 8. Sup Br, USA Elm SHAPE. 9. S4, Engr Topo Bn, Army. 10. Care & Presrv, 8th Log Cmd. 11. Engr Br, 2d COSCOM. 12. MMC Stk Con, U.S. Army FORSCOM, Log Spt Unit Sinai. Subsequent positions also graded SSG. 13. Log Br & Stk Cont Br, Army Broadcast Svc. 14. Sup & Sup/Acct Sec, U.S. Elm Supreme. 15. S4, USAG Hawaii. 16. CIF, 34th Spt Gp (Aug). 17. IEW PC Sec, USA Intel Ctr & Sch. 18. QA, Spt Ops, U.S. Combat Equip Gp, Eur.
41	SUBSISTENCE NCO	92A4O	SFC													1. Principal NCO in TISA. 2. Emergency Sup Ops, Def Pers Spt Ctr. 3. TAMMC Br, DSSF Germany, Ops Spt Br (second thru third positions graded SSG), USA Elm Def Subs Region-Europe. 4. Svc Br and Tr & Ts Div, Hq USAEUR & 7th Army. 5. Ops Br, USA Pusan Storage Facility. 6. Sup & Svcs Div, V Corps. 7. Tm Frankfurt, Nurnburg, Saarbruk, and Stuttgart, Defense Subsist Region-Europe. 8. Ops Spt Br, Defense Subsist Region Europe. Second position also graded SFC. 9. Corps CSS Bde, I Corps HHC (Aug). 10. CI I Sup Br, CS Bn (Aug).
42	MAT CONTROL SUPV	92A4O	SFC													1. S4 Sec, USA Southern Eur Task Force. 2. MATO, 1 AR HHC (Aug). Second position also graded SFC. 3. Storage Br, USAG Alaska. 4. Sup Spt Act, 2d Maintenance Co (Aug). 5. Supply, USA CEGE HHC. Second position also graded SFC. 6. Document Cont Div, USA Depot Act Leghorn. 7. Log Br, USA Elm WHCA. 8. Supply Sec, USA Forces Central Cmd Kuwait. 9. CSS Bde, I Corps HHC (Aug). 10. Log Div, USA Ofc of Def Coop Turkey. 11. Net Sup, Army Broadcasting Svc. 12. Log Eval Asst Br, USA AD Def Center and Ft Bliss. 13. USA Aviation & Trp Cmd: a. Avn Fielding and Customer Spt Br. b. Troop Br. Second position also grade SFC. 14. USA Test, Measurement and Diagnostics Act, Redstone. 15. Pent LNO, Read Mgmt Div, U.S. Army Acq Spt Agency. 16. Insp Gen Ofc, Instl Prop Book Sec, USAG Ft Carson. 17. S4, USAD Ctr Range Cmd. 18. Coll & Class Sec, 20th Spt HHC (Aug).
43	DETACHMENT SER-GEANT	92A4O	SFC													1. Principal NCO of a detachment with less than 75 soldiers. 2. CVeh Prts Spt, 19th TASCOM (Aug).
44	PLATOON SERGEANT	92A4O	SFC													Principal NCO of a platoon.

**Table 10-92A-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
45	DRMO NCO	92A4O	SFC												<ol style="list-style-type: none"> <li>1. Elm USA Def Re.</li> <li>2. OSB, Vicenza/Chievrs/Shwnft /Giessen/Ludwig.</li> <li>3. DRMO, Ksrtr/Hanau/Livrn0/ Nurbg/Kastel.</li> <li>4. Prop Mgt Br and Ops Div Ops Br, USA Elm Def Reutil &amp; Marketing Rgn-Eur.</li> <li>5. Project Ofc, USA Elm Def Reutil &amp; Marketing Svc. Subsequent positions graded SSG.</li> </ol>
46	MAT MANAGEMENT NCO	92A4O	SFC												<ol style="list-style-type: none"> <li>1. NSA Augmentation, 501st MI Bde (Aug).</li> <li>2. Log Br, USA Elm WHCA.</li> <li>3. Sup &amp; Svc Div, 21st TAACOM (Aug).</li> <li>4. Awrsup and Supply, USA CEGE Hq.</li> <li>5. QA Div and Inv Mgt Div, USA Depot Act Leghorn.</li> <li>6. Rsak, USA Indus Ctr Kaisers.</li> <li>7. S&amp;S/MATO, 51st Maint Bn (Aug).</li> <li>8. Sup Br, USA Southern Eur Task Force. Second position also graded SFC. Subsequent positions graded SSG.</li> <li>9. Admin/Log Sec, 94th AD Bde (Aug).</li> <li>10. Supply Div, NTC and Ft Irwin.</li> <li>11. Oper Sec, U.S. Elm Allied Forces Southern Eur/AFSOUTH.</li> <li>12. Assc Comm/Log Spt, USA Elm Reg Oper Cent Atlantic.</li> <li>13. Distribution Sec, USA Training Sup Act Korea.</li> <li>14. Supply &amp; Service, USA SOS Cmd.</li> <li>15. S4, U.S. Army Training Bde.</li> <li>16. Automation/Sp #60, 20th Spt Gp, HHC (Aug).</li> <li>17. MAIT, 1st Armorer Div (Aug).</li> <li>18. Central Issue Br, USA Med Dep Ctr and School.</li> <li>19. Sup Sec, USA Elm SHAPE.</li> <li>20. Sup Sec, USA Elm Allied Forces Europe.</li> </ol>
47	LOGISTICS NCO	92A4O	SFC												<ol style="list-style-type: none"> <li>1. Log Sust Div, USAISC Mgmt Engr Acty.</li> <li>2. Log Opns Sec, USA Elm Allied Forces.</li> <li>3. Nat Maint Pt, USA Arm &amp; Chem Acq &amp; Log Act. Subsequent positions also graded SFC.</li> <li>4. MacDill Ofc, USA Elm Def Mapping Agency.</li> <li>5. LAD 13 COS, USA Materiel Cmd Log Spt Acty.</li> <li>6. Ord, Sup, USA Engr Transatlantic Prog Ctr.</li> <li>7. Readiness Spt, Joint Log Ops Com Ctr, Ofc of Commander, USA Elm Def Log Agcy Admin Spt Ctr.</li> <li>8. Term-Europe, Cust Spt Br, USA Elm Def Personnel Spt Ctr.</li> <li>9. Insp Div, V Corps (Aug).</li> <li>10. Log Br, USA Combined Arms Training Ctr.</li> <li>11. Log Sys Div, USAG Ft Riley.</li> <li>12. S2/3, Spt Opns and MMC Stk Co, USA FORSCOM Log Sup Unit Sinai.</li> <li>13 DMMC/CI IX Sec, 1st AR (Aug).</li> <li>14. Log Coord, USA Elm SHAPE.</li> <li>15. Logistics, USA Cmd Spt Coord Tm 2.</li> <li>16. Log Br, USA Combined Arms Spt Cmd. Second position also graded SFC.</li> <li>17. Dir Rdec, USA CECOM Research Dev &amp; Engr Ctr Ft Monmouth.</li> <li>18. Korea Fld Ofc Yongs, USA Comm-Elect Cmd.</li> <li>19. Comm Br and AV/IEW/ADP/CCS Br, USA Comm-Elect Cmd .</li> <li>20. Trp Br, USA Aviation &amp; Trp Cmd. Second thru third position also graded SFC. Subsequent positions graded SSG, Stock Control NCO.</li> <li>21. Mat Mgt Opnl Elm, USA Pacific Acty.</li> <li>22. Log Ofc, USA PERSCOM.</li> <li>23. Hq CECOM Spt (LRC), USAG Fort Monmouth.</li> </ol>

**Table 10-92A-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
48	MATERIEL SUPPLY NCO	92A4O	SFC												<ol style="list-style-type: none"> <li>1. Mat Fielding Div, USA Missile Cmd.</li> <li>2. USA Tank Auto &amp; Armament Cmd:</li> <li style="padding-left: 20px;">a. Matl Fldg Team Hood.</li> <li style="padding-left: 20px;">b. Mft Conus Hq Sec. Second position also graded SFC.</li> <li>3. Cust Spt Br, USA Aviation &amp; Trp Cmd. Second position also graded SFC.</li> <li>4. Whse Div 1, USA Elm Def Dist Region West. Second position also graded SFC.</li> <li>5. Sus Dist Site, DDD Letterkenny, DDD Richmond, Kaiserslautern Site, and DDD Germersheim, DDD Memphis, USA Elm Def Dist Region East.</li> <li>6. Trp Br, USA Aviation &amp; Trp Cmd.</li> <li>7. CSSCS Div, USA Combined Arms Spt Cmd.</li> </ol>
49	PROCUREMENT NCO	92A4O	SFC												<ol style="list-style-type: none"> <li>1. P &amp; C Br, USA Elm Allied Land Forces SE Eur/ALFS.</li> <li>2. Spt Equip Br, Project Spt Br, U.S. Army Information Systems Mgmt Acty.</li> <li>3. Contracting Sec, USA Forces Central Cmd, Kuwait.</li> </ol>
50	PLANS NCO	92A5O	MSG												<ol style="list-style-type: none"> <li>1. USARPAC/USAREUR/USARSO/ARCENT/ARLANT Theater LNO's. One per theater.</li> <li>2. AWR Spt, USA CEGE, Hq.</li> <li>3. G4 Sec, 1st Inf Div HHC (Aug).</li> <li>4. Log Div, USA Equip Eval Act.</li> <li>5. Admin/Log Div, USA Exer Spt Agency.</li> <li>6. Tac Ops Div, USAG Ft Hood.</li> <li>7. Intege Matl Mgmt Ctr, USA Tank Auto &amp; Armt Cmd.</li> <li>8. Mat Dev Cell, USA CommElect Cmd.</li> <li>9. Dir of Msl Spt, USA Depot Acty Leghorn.</li> </ol>
51	OPERATIONS SER- GEANT	92A5O	MSG												USA Reserve Component, FTM.
52	MAT MANAGEMENT NCO	92A5O	MSG												<ol style="list-style-type: none"> <li>1. Sup Br, USA Southern Eur Task Force.</li> <li>2. Dir of Supply, USA Depot Acty Leghorn.</li> <li>3. DDD Tobyhanna and Letterkenny, USA Elm Def Dist Region East.</li> <li>4. S&amp;S/Mato, 51st Maintenance Bn HHD (Aug).</li> <li>5. Remote Cust Sup and Dir of Log, 22d Spt Gp (Aug).</li> <li>6. Mat Mgmt Sec, USAG Ft Riley.</li> <li>7. S4 Log, USA Signal Bde.</li> <li>8. MMC Contl, USA FORSCOM Log Spt Sinai.</li> <li>9. QA, USA CEGE.</li> <li>10. Sacramento, USA Elm Def Dist Region West.</li> </ol>
53	LOGISTICS SERVICE NCO	92A5O	MSG												<ol style="list-style-type: none"> <li>1. Log Mgmt Div, U.S. Acquisition Spt Agency.</li> <li>2. Log Dir, U.S. Army Elm SOC South.</li> <li>3. Sup &amp; Svc, Hq Sp Opns Spt Cmd.</li> <li>4. Property Bk, 409th CS HHD SBS (Aug).</li> <li>5. Req/Edit DC Br, 0296 CS Bn (Aug).</li> <li>6. Nat Maint Point, USA Arm &amp; Chem and Log Act. Second position also graded MSG.</li> <li>7. AV/IEW/ADP/CCS Br, USA Comm-Elect Cmd.</li> <li>8. Dir of QA &amp; Inv, USA Depot Leghorn.</li> <li>9. Mait, USA Nat Assist Planning Act.</li> <li>10. Ofc of CG, USA Materiel Cmd.</li> <li>11. Hq Spt Trp, USA Rock Island Arsenal.</li> <li>12. Res Comp Dev Div, USA Depot Tobyhanna.</li> <li>13. Cust Spt Br and Trp Br, USA Aviation &amp; Trp Cmd.</li> <li>14. CEB-SWA, USA Indust Oper Cmd.</li> <li>15. ERF Main, USA Mat Cmd Europe.</li> <li>16. Spt Equip Br, U.S. Army Information Sys Mgmt Acty.</li> <li>17. LSE/LAO Far East, U.S. Army Materiel Cmd Log Spt Acty.</li> </ol>
54	FIRST SERGEANT	92A5M	1SG												Principal NCO of a company with more than 75 soldiers.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-92G-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Frequently pushes, pulls, lifts, and carries 50 pounds.
2	1, 2, 3, 4, 5	2. Occasionally lifts 100 pounds 2 feet and carries 100 feet as part of a soldier team (prorated 50 pounds).
3	1, 2, 3, 4, 5	3. Occasionally digs, lifts, and shovels 21 pound scoops of dirt while bending, stooping, or kneeling.
4	4, 5	4. Frequently stands and/or walks for a period of 4 hours duration.
5	5	5. Must possess finger dexterity in both hands.

**Table 10-92G-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	COOK	92G1O	PFC		1	1	1	2	2	2	3	3				1. Grades of additional positions will be in same pattern. For First cook see line 17.
2	COOK	92G1O	SPC		1	1	1	2	2	3	3	3				2. Food Service Sec of:
3	COOK	92G2O	SGT			1	1	1	1	2	2	3				a. HHC, Inf and Tank Bn. b. Mess Sec, HHC, Inf Div Bde (LID) and HHC Inf Bn. c. HHT, Div Cav, ACS, ACR or Armored Cav Div (except Arty Brty Food Svc Tm). d. HHB, DIVARTY. 3. Hq Sec, Chem Co.
4	COOK	92G1O	PFC		1	1	1	2	3	4	4	4	4			1. Grades of additional positions will be in same pattern.
5	COOK	92G1O	SPC			1	2	2	2	2	3	4	5	6		2. Med Co, Cbt Stress Contl. 3. S&S Co, Main Spt Bn ID. 4. Trans Movement Con Agency. 5. MI Tm, EACIC Sup Element. 6. Div or Bde units supporting 74 or less soldiers. 7. EAD units with 29 to 99 soldiers supported as an augmentation to the supporting food service operation. 8. Light, Med and Hvy Boats Plt Hq.
6	COOK	92G1O	PFC				1	1	2							1. Grades of additional positions will be in same pattern.
7	COOK	92G1O	SPC			1	1	1	2	2						2. Food Service Section/Hq Sec supporting 149 or less soldiers.
8	FIRST COOK	92G2O	SGT				1	1	1	1						3. Inf Co, 75th Ranger Bn. 4. MP Det, IR Confinement (5 men MOD)
9	COOK	92G1O	PFC			1	1	1	1	2	2	3	3	3		1. Grades of additional positions will be in same pattern.
10	COOK	92G1O	SPC			1	1	1	2	2	2	3	3	4		2. Food Service Sec/Hq Sec where principal NCO is graded SFC supporting 150 or more soldiers.
11	COOK FIRST COOK	92G2O	SGT				1	1	1	1	1	2	2			3. SGT position titled First cook when SSG not provided for.
12	SR FIRST COOK	92G3O	SSG					1	1	1	1	1	1			
13	COOK	92G1O	PFC			1	1	1	2							Sqdn Mess Sec, Spt Det (Avn).
14	COOK	92G1O	SPC				1	1								
15	COOK FIRST COOK	92G2O	SGT				1	1	1							
16	FIRST COOK	92G2O	SGT													1. Class 1 boats (small tug, barge crane 100 ton, amp lighter LARC-LX,LCU). 2. Class A2 boats (liq dry cgo vsl sp, beach discharge lighter, large tug 143 ft, log sup vsl). 3. MP Det, (IR), (EPW/CI) second position also graded SGT.
17	SR FIRST COOK	92G3O	SSG													1. Food Service Section of: a. HHC, Inf Bn and Tank Bns. b. HHC, Inf Div Bde (LID). c. HHT, Div Cav, ACS, ACR, or Armored Cav Div. d. HHB, DIVARTY. 2. MI Team, EACIC Sup Elm (subsequent food service positions graded from lines 4 and 5).

**Table 10-92G-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
18	FOOD OPNS SGT	92G30	SSG												<ol style="list-style-type: none"> <li>1. Principal NCO in Food Service Section supporting 130 or less soldiers.</li> <li>2. Hvy Boat Plt Hq.</li> <li>3. 275th &amp; 293rd Sig Co (Tm LC).</li> <li>4. Log Sup Vsl.</li> <li>5. Hq, Watercraft Co.</li> <li>6. MP Det, (IR), (EPW/CI). Second and third position graded per line 16.</li> </ol>
19	SR FOOD OPNS SGT	92G40	SFC												<p>Principal NCO in:</p> <ol style="list-style-type: none"> <li>a. Food Service Section supporting 131 or more soldiers.</li> <li>b. MP Det (EPW/CI Br Cp Tm).</li> <li>c. MP Bn (EPW/CI)/(I/R) or Intern/Resettle Bn (EPW/CI). Second position also graded SFC.</li> <li>d. HHC, Terminal Bn, Hq Sec, Trans Hvy Watercraft Co.</li> </ol>
20	FOOD OPNS MGMT NCO	92G40	SFC												<ol style="list-style-type: none"> <li>1. S4 Sec, HHD, Med Evac Bn.</li> <li>2. Regt Material Mgmt Cen, HHT, Spt Sqdn, ACR.</li> <li>3. WO Plus Back, HHD, 205th MI CEWI Bde.</li> <li>4. IG Sec, HHC 8th Army.</li> <li>5. Admin/Log Sec, Div Sig Bn (MSE).</li> <li>6. Food Svc Spt Br, HHC Theater Spt Cmd.</li> </ol>
21	SR FOOD OPNS MGMT NCO	92G50 92G502S	MSG												<ol style="list-style-type: none"> <li>1. S4 Section of: <ol style="list-style-type: none"> <li>a. Ord, Med, Petro, PSYOP, QM, Scout, MI, Corps Avn, and Trans Gps.</li> <li>b. AASLT, Avn, Abn, Chem, Med, ADA, MP, Inf, AR, Mech, SEP Inf, ACR, and MI Bdes.</li> <li>c. Hvy Sep Bde (AR) or Sep Inf Bde.</li> <li>d. HHC/MMC, DISCOM.</li> <li>e. HHC, Corp Spt Gp.</li> <li>f. Avn Attack Regiment.</li> <li>g. Engr Bde or Gp.</li> </ol> </li> <li>2. Admin/Log Section of: <ol style="list-style-type: none"> <li>a. HHB, DIVARTY.</li> <li>b. HHC, ADA Bde, Hvy Corps.</li> <li>3. Hq Spt Sec, HHB FA Bde.</li> <li>4. ACS, G4 Sec, HHB, Corps Arty.</li> <li>5. Log Section, HHC of Med, TA or Corps Sig Bdes.</li> <li>6. ACofS, Engr Cmd.</li> <li>7. Sup &amp; Svc Div, TA Sig Cmd.</li> <li>8. Regt Material Mgmt Cen or Spt Opns Br, HHT, Spt Sqdn, ACR.</li> <li>9. Food Svc Spt Br, HHC, Support Cmd (EAC).</li> <li>10. Supply &amp; Svc Br, Area Spt Gp.</li> <li>11. Cmd Sec and Deputy Cmdr, 7th Army.</li> <li>12. Trp Hq, Arm Cav.</li> <li>13. Admin/Log Sec/S4 Sec, Bde, Gp, Rgmt, Cmd, DIVARTY and SIB. Positions coded with ASI 2S.</li> <li>14. Bde S4 Sec/Rear Cp, Abn, Aslt and LID Div. Positions coded with ASI 2S.</li> <li>15. Spt Opns Br, HHT Spt Sqdn ACR. Position coded with ASI 2S.</li> </ol> </li> </ol>
22	CH FOOD OPNS SGT	92G50 92G502S	MSG												<ol style="list-style-type: none"> <li>1. S4 Sec, EAC Intel Ctr.</li> <li>2. Sup &amp; Svc Br, HHC ASG.</li> <li>3. Food Svc Spt Br, HHC Theater Spt Cmd.</li> <li>4. Food Svc Ofc HHC/MMC DISCOM.</li> </ol>
23	CH FOOD OPNS MGMT NCO	92G50	SGM												<ol style="list-style-type: none"> <li>1. G4/CSS Cell/Rear, Corps/Div.</li> <li>2. G4 Sec, HHB ADCOM (TA).</li> <li>3. CSS Cell/Main, HHC Div.</li> <li>4. G1/CSS Cell/Rear, HHC LID.</li> <li>5. Food Svc Spt Br and Svc Sec, HHC COSCOM.</li> <li>6. ACofS Svc Sec, HHC &amp; Sp Trp TAACOM.</li> <li>7. ACofS Svc Sup &amp; Maint, TRANS Cmd.</li> <li>8. Div Food Svc Ofc, HHC/MMC DISCOM.</li> </ol>

**Enlisted Aide**

**Table 10-92G-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
24	Enlisted aide	92G3OZ5	SSG												1. Primary Enlisted Aide to General Officer 07 and 08 as determined by GOMO. 2. Additional Enlisted Aide to General Officer 09-010 as determined by GOMO.
25	Enlisted aide	92G4OZ5	SFC												1. Primary Enlisted Aide to General Officer 09-010 as determined by GOMO. 2. Additional Enlisted Aide to General Officer 010 as determined by GOMO.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-92G-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	COOK	92G1O	PFC	1	1	1	2	2	2	3	3	3	3	3	1. Grades of additional positions will be in same pattern. 2. Food Service Sec where principal NCO is graded SSG. 3. Chairman Dining Facility of USA Elm OJCS. 4. Secy of Gen Stf, Hq AMC. 5. Pattern used if no other guidance provided.
2	COOK	92G1O	SPC	1	1	1	2	2	3	3	3	3	3		
3	FIRST COOK	92G2O	SGT	1	1	1	1	2	2	3	4				
4	COOK	92G1O	PFC	1	1	1	1	2	2	3	3	3	3	3	1. Grades of additional positions will be in same pattern. 2. Food Service Sec where principal NCO is graded SFC. 3. Units with four or less soldiers positions grading will be per lines 1-3.
5	COOK	92G1O	SPC	1	1	1	2	2	2	3	3	3	4		
6	COOK	92G2O	SGT	1	1	1	1	1	1	2	2				
7	SR FIRST COOK	92G3O	SSG					1	1	1	1	1	1	1	
8	FLIGHT STEWARD	92G2O	SGT	1	2	3	3	3	4	4	5	6	6	6	1. USA Pat Det (Andrews), Oper Sup Airlift Cmd, Ft Belvoir. 2. Avn Div, USA Spt Cmd, Ft Shafter HI.
9	FLIGHT STEWARD	92G3O	SSG			1	2	2	3	3	3	4			
10	COOK	92G1O	PFC												Single positions except: a. Climatic Climbers Natick RDE. Subsequent positions also graded PFC. b. Runnymede, USA TC Ctr, Ft Eustis. Subsequent positions also graded PFC. c. DF-11 HHC, 41LG HHC Aug, Corozal, PM. Subsequent positions also graded PFC.
11	FIRST COOK	92G2O	SGT												1. Outstations and Consolidated Mess, USA Elm Allied Southern Europe. 2. Flag Sec, USA Elm Pacific Cmd Hq. 3. Protocol, WOAK USA Alaska. 4. Post Cdr, USAG Alaska. 5. Cons Din Fac Br, U.S. Disciplinary Barracks Ft Leavenworth (one per, supv five inmates). 6. Sec Def Mess, USA Wash Hq Svc Elm. Second and third position also graded SGT. 7. Protocol Bureau, NTC and Ft Irwin. 8. Voc Tng Div, U.S. Disciplinary Barracks, Ft Leavenworth. Second position also graded SGT. 9. Instl Cdr, USAG Hawaii. Second position also graded SGT. 10. S4, USA FORSCOM Log Spt. 11. Club Sec, USAG Alaska. Second position also graded SGT. 12. Det Hq, 164th Avn (Aug).
12	FOOD QUAL ASSUR EVAL	92G3O	SSG												1. Food Svc Br, USA Signal Ctr and Ft Gordon. 2. Food Svc Contrl Mgt Br, USA Tng Ctr and Ft Jackson. 3. Svc Br, USA Armor Ctr and Ft Knox. 4. Food Svc Ofc, USAG APG. 5. Contract Mgt Div, USAG Hawaii.

**Table 10-92G-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
13	FOOD OPNS SGT	92G3O	SSG													<ol style="list-style-type: none"> <li>1. Dining facility supporting 160 or less personnel.</li> <li>2. Mess Br, USA Elm Allied Land Forces Southeastern Europe.</li> <li>3. Exec Svc, USA Combined Arms Ctr and Ft Leavenworth.</li> <li>4. Food Svc Br, 293rd CS Bn Spt (Aug).</li> <li>5. Gar Opns Tng Br, USA QM Ctr &amp; SCH.</li> <li>6. Food Svc, USA FA Tng Ctr. Second position also graded SSG.</li> <li>7. GO Staff, USAG Ft McPhearson.</li> <li>8. Inst Cmd, USAG Ft Riley.</li> <li>9. USA Forces Central Cmd Kuwait.</li> <li>10. Food Svc Br, USA Inf Ctr.</li> <li>11. Log Contr Div, USA Trans Ctr and Ft Eustis.</li> <li>12. Cons Din Fac Br, U.S. Disciplinary Barracks, Ft Leavenworth. One per 5 First Cook documented on line 11.</li> <li>13. Chman Dining, USA Elm Ofc JCofS.</li> <li>14. Sec Def Mess, USA Wash Hq. Svc Elm. Second thru third position also graded SSG.</li> <li>15. Mess, USA Element Supreme Hq Allied Powers Europe. Second position also graded SSG.</li> <li>16. Fd Svc Br, USAG Hawaii. Second position also graded SSG.</li> <li>17. Gar Opns Tng Br and Cft Skls Tng Br, USA QMC&amp;S.</li> <li>18. Fld Svc Sec, USA Elm Allied Force Central Europe Hq.</li> <li>19. Zama Consol Din, 17th Spt Gp (Aug). Second position also graded SSG.</li> <li>20. Din Fac, Honor Guard, 8th U.S. Army.</li> <li>21. Food Svcs, USAG Panama. Subsequent position graded SGT.</li> <li>22. Protocol, USA Armor Ctr and Ft Knox.</li> <li>23. Din Fac, 20th Spt Gp (Aug).</li> <li>24. Protocol, USAG Ft Stewart.</li> <li>25. ADA (Aug), 3rd Bde 2d Inf Div (Aug)/1AR HHC 1 (Aug)/1AR HHC 3d (Aug).</li> <li>26. Contr Mgt/Food Svc Sec, USAG Ft Myers.</li> <li>27. Club Sec, USAG Alaska.</li> <li>28. A and B Btry, USA AD Defense School.</li> </ol>
14	FOOD CONTRACT OFF REP	92G4O	SFC													<ol style="list-style-type: none"> <li>1. Contract Mgt Div, USAG Hawaii. Subsequent positions graded SSG.</li> <li>2. Instal Food Svc Br, USAG Ft Lee.</li> <li>3. Log Contr Div, U.S. Army Trans Ctr and Ft Eustis.</li> <li>4. Fd Svc Br, USA Signal Center and Ft Gordon.</li> </ol>

**Table 10-92G-3**  
**Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
15	SR FOOD OPNS SGT	92G40	SFC												<ol style="list-style-type: none"> <li>1. Dining facility supporting 161 or more personnel.</li> <li>2. Dining Facility, 751st Mil Intel Bn.</li> <li>3. Dining Facility and Mess Sec, U.S. Army Elm SHAPE.</li> <li>4. CINC Mess, U.S. Army Elm U. S. European Cmd Hq.</li> <li>5. Consol Din Fac, 4th Tng Bde.</li> <li>6. Din Fac, USA Armor Ctr and Ft Knox.</li> <li>7. Admin Op Sup, USA QMC&amp;S.</li> <li>8. Consol Din Fac Br, U.S. Disciplinary Barrack, Ft Leavenworth.</li> <li>9. Food Svc Sec, USA FA Tng Ctr. Second position also graded SFC.</li> <li>10. Sec Def Mess, USA Wash Hq Svc Elm. Second position also graded SFC.</li> <li>11. Admin/Log Div, USA Exercise Spt Agency.</li> <li>12. Food Svc Sec, USA SETA.</li> <li>13. Sup Spt Br, USA NCO Academy Seventh Army Tng.</li> <li>14. Co A&amp;C 704MP, USAG Ft Lewis.</li> <li>15. Sup Sec, USA Forces Central Cmd Kuwait.</li> <li>16. Svc Sec, USA Elm Allied Forces Central Europe.</li> <li>17. Food Svc Sec, USAG Alaska.</li> <li>18. Hq &amp; Svc Co/Ding Fac, UN Cmd Security Force.</li> <li>19. Din Fac, Eighth USA Religious Retreat Ctr.</li> <li>20. Din Fac, USA Area II Spt Acty Korea. Second position also graded SFC.</li> <li>21. Hq Det, USA Cbt Spt Coord Tm.</li> <li>22. EUSA Food Mgt Asst, Eight USA Spec Trp Cmd. Second position also graded SFC.</li> <li>23. HHB, USA AD Sch.</li> <li>24. Food Svc, USA FA Tng Ctr. Second position also graded SFC.</li> <li>25. Patch/Panzer, 6th Spt Gp (Aug).</li> <li>26. Det Hq, 22d Spt Gp (Aug).</li> <li>27. Hq V Corps/Cmd Gp, V Corps (Aug).</li> <li>28. Dining Facility, 1st Bn 4th Inf (Aug).</li> <li>29. Mess Sec, USAREUR 7th Army (Aug).</li> <li>30. Din Fac, USAG Alaska.</li> <li>31. Protocol, USA Pacific Acty.</li> <li>32. Resource Mgt Div, Staff and Faculty, USMA.</li> </ol>
16	FOOD OPNS MGMT NCO	92G40	SFC												<ol style="list-style-type: none"> <li>1. Din Fac QA UN, USAG Ft Bragg.</li> <li>2. S4 Sec, USAG Ft Stewart.</li> <li>3. G4, USAG Ft Hood.</li> <li>4. Gen Staff Sec, Staff and Faculty, USMA.</li> <li>5. Food Svc Br, USAG Ft Meade.</li> <li>6. Plns &amp; Ops, USAG Alaska.</li> <li>7. Din Facility, USAG Alaska.</li> <li>8. Log Opns, USAJFKSWCS.</li> <li>9. CIPB, USAG Panama. Second position also graded SFC.</li> <li>10. Food Svc Contrl Mgt Br, USA Tng Ctr and Ft Jackson.</li> <li>11. Log Contrl Div and Food Svc Br, USA Trans Ctr and Ft Eustis.</li> <li>12. Coord Spt Br and Svc Br, USA Armor Ctr and Ft Knox.</li> <li>13. RCF Food, USA FA Ctr and Ft Sill.</li> <li>14. USA ADA Ctr and Ft Bliss.</li> <li>15. USA QMC&amp;S: <ol style="list-style-type: none"> <li>a. S4.</li> <li>b. Quality Assurance Div and Con Sys &amp; Pol Div. Second position also graded SFC.</li> <li>c. Menu Dev Div. Second position also graded SFC.</li> </ol> </li> <li>16. S4, USA Tng Bde. Second position also graded SFC.</li> <li>17. Fd Svc Br, USAG Hawaii. Second position also graded SFC.</li> <li>18. Engr Spt Br, USA Natick Research Lab.</li> <li>19. Bus &amp; Tech OFC, USA WSMR.</li> <li>20. USAG, Ft Ritche.</li> <li>21. Dir Army Spt Sys, USA Information Sys Software Dev.</li> <li>22. USA Prty Air Trs Det DC, Op Spt Airlift Cmd.</li> <li>23. Mgt Asst Div Fld Opns Br, and Culinary Skills Div.</li> </ol>
17	PLATOON SERGEANT	92G40	SFC												Principal NCO of a platoon.
18	FOOD CONTRACT OFF REP	92G50	MSG												Contract Mgmt Div, USAG Hawaii.

**Table 10-92G-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
19	SR FOOD OPNS MGMT NCO	92G5O	MSG												1. Chairman Din Room, U.S. Army Elm of the Joint Chiefs of Staff. 2. Din Fac QA UN, USAG Ft Bragg. 3. G4, USAG Ft Hood. Second position also graded MSG. 4. Log Sec, USAG Ft Polk. 5. Food Svc Sec, USAG Ft Riley. 6. S4 Sec, USAG Hawaii. 7. Food Svc Sec, USAG Panama. 8. Food Svc Sec, U.S. ADA Ctr and Ft Bliss. 9. Food Advisory Funct, U.S. Army Engr Ctr and Ft Leonard Wood. 10. Spec Prog Div and Gar Opns, USA QMC&S. 11. Food Svc AD Br, U.S. Disciplinary Barracks, Ft Leavenworth. 12. Food Svc Ofc, USAG APG. 13. Sup/Svc Div, 5th Corps Hq. (Aug). 14. S4, 130th Engr Bde HHC Hanau, (Aug). 15. USAG, Ft Ritche, Alaska.
20	FIRST SERGEANT	92G5M	1SG												Principal NCO of a company with more than 75 soldiers.
21	CH FOOD OPNS MGMT NCO	92G5O	SGM												1. Sec Def Mess, USA Wash Hq Svc Elm. 2. Din Fac QA UN, USAG Ft Bragg. 3. Food Svc Br, USAG Ft Campbell. 4. Food Svc, USAG Ft Stewart. 5. G4, USAG Ft Hood. 6. Instl Food Br, USAG Ft Carson. 7. Trans 7 Svc Prog Br, FORSCOM. 8. Food Svc Br, USAG Hawaii. 9. Sup & Svc, USAG Alaska. 10. Food Svc, USAG Panama. 11. Food Svc Br, USAINFCTR. 12. Food Svc Contrl Mgt Br, USA Tng Ctr and Ft Jackson. 13. Food Svc Br, USA Armor Ctr and Ft Knox. 14. Food Svc Sec, USA ADA Ctr and Sch. 15. USA QMC&S: a. ACES-S and Spec Prog Div. b. Mgt Asst Div. Second position also graded SGM. 16. Sup & Svc Div, TRADOC.
<b>Enlisted Aide</b>															
22	ENLISTED AIDE	92G3OZ5	SSG												1. Primary Enlisted Aide to General Officer 07 and 08 as determined by GOMO. 2. Additional Enlisted Aide to General Officer 09-010 as determined by GOMO.
23	ENLISTED AIDE	92G4OZ5	SFC												1. Primary Enlisted Aide to General Officer 09 as determined by GOMO. 2. Additional Enlisted Aide to General Officer 010 as determined by GOMO.
24	ENLISTED AIDE	92G5OZ5	MSG												Senior Enlisted Aide to General Officer 010 as determined by GOMO.
25	SR ENLISTED AIDE ADV	92G5OZ5	MSG												Prog Br of USA QMC&S.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-92M-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1,2,3,4	1. Frequently lifts 180 pounds 4 feet and carries 50 feet as part of a 3 soldier team (prorated 60 pounds). 2. Frequently push/pull 180 pounds and carry 6 inches as part of a 3 soldier team (prorated at 60 pounds per soldier). 3. Occasionally digs, lifts and shovels 3 pound scoops of dirt to make a 3x3 feet hole while bending, stooping or kneeling. 4. Must possess finger dexterity in both hands.
2	1,2,3,4	
3	1,2,3,4	
4	4	
5	4	

**Table 10-92M-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	MORTUARY AFFAIRS SP ID & EFFECTS SP	92M1O	PFC		1	1	2	2	2	3	3	3	4	Grades of additional positions will be in same pattern.
2	MORTUARY AFFAIRS SP ID & EFFECTS SP	92M1O	SPC		1	1	2	2	2	3	3	4	4	
3	MORTUARY AFFAIRS SGT ID & EFFECTS SGT	92M2O	SGT					1	1	1	1	2	2	
4	MORTUARY AFFAIRS SP INTERMENT/EVAC SP	92M1O	PFC		1	1	2	2	3	3	4	4	4	1. QM Mort Affairs Co (EAC). 2. QM GRRGG Co/AOE.
5	MORTUARY AFFAIRS SP INTERMENT/EVAC SP	92M1O	SPC		1	1	2	2	3	3	4	4	5	
6	MORTUARY AFFAIRS SGT INTERMENT/ EVAC SGT	92M2O	SGT									1	1	
7	VEHICLE DRIVER	92M1O	PFC											
8	MORTUARY AFFAIRS SGT	92M2O	SGT											1. Spt Ops, FSB. 2. Trp Hq, S&T Trp Spt Sqdn, ACR. 3. Spt Opns Sec, Hq & Main Spt Co, SOSB (Abn). 4. Co Hq, S&T Co, Spt Bn, SIB. 5. Co Hq, Fwd Spt Co, S&T Bn (LID). 6. Coll Sec, QM Mort Affairs Co.
9	SECTION CHIEF	92M3O	SSG											1. Disposition Sec, HHC GRREG Bn. 2. Ident/Eff Recs Sec and Inter/Evsc Sec, QM GRREG Co. 3. Rec Sec, Evac Sec, QM Col Co. 4. Rec Sec, Processing Sec, Evac/Inter Sec, QM Mort Affairs Co (EAC). 5. Tm Hq, Mort Affairs Tm. 6. GRREG Sec, QM GRREG Tm. One per eight hour shift.
10	COLLECTION POINT LDR	92M3O	SSG											Collection Sec, QM GRREG Co/QM Collection Co.
11	MORTUARY AFFAIRS NCO	92M3O 92M3O2S	SSG											1. S2/3 Sec, HHD QM GRREG Bn. 2. Co Hq, S&S MSB, Hvy Div. 3. Co Hq, S&T Co, MSB, Hvy Sep Bde. 4. Spt Opns Sec, FSB, Hvy Div. 5. Spt Opns Sec, MSB. Position coded with ASI 2S. 6. Troop Spt Br and Svc Br, HHC, COSCOM. 7. Sup & Svc Br, HHC, Corps Spt Gp. 8. Sup & Svc Br, HHC, ASG.

**Table 10-92M-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
12	PLATOON SERGEANT	92M4O	SFC												Principal NCO in a platoon.
13	SR MORTUARY STF NCO	92M4O	SFC												1. DCS, Log, HHC Med Cmd. 2. Pers Effects Depot Hq, HHC GRREG Bn. 3. Co Hq, S&S Co MSB ID. 4. Log/Ops Br, HHD, S & S Bn. 5. Sup, Trans & Svc Br, Spt Bn (Div). 6. Fld Svc Dir, HHC Theater Spt Cmd. 7. Spt Opns Sec, Hq & Main Spt Co, SOSB (Abn).
14	DETACHMENT SER-GEANT	92M4O	SFC												Principal NCO of a detachment with less than 75 soldiers.
15	SR MORTUARY SGT	92M5O	MSG												ACofS, Svc Sec, HHC & Sp Trp, TAACOM.
16	OPERATIONS SER-GEANT	92M5O	MSG												S2/3 Sec, HHC QM GRREG Bn.
17	FIRST SERGEANT	92M5M	1SG												Principal NCO of a company with more than 75 soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and NON-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-92M-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	MORTUARY AFFAIRS SP ID & EFFECTS SP	92M1O	PFC	1	1	2	2	2	3	3	3	3			Grades of additional positions will be in same pattern.
2	MORTUARY AFFAIRS SP ID & EFFECTS SP	92M1O	SPC	1	1	2	2	3	3	3	4	5	6		
3	MORTUARY AFFAIRS SGT ID & EFFECTS SGT	92M2O	SGT						1	1	1	1	1		
4	MORTUARY AFFAIRS SP	92M1O	SPC			1	2								1. Grades of additional positions will be in same pattern. 2. Opns Search/Recovery Div and Korean Team, CILHI.
5	MORTUARY AFFAIRS SGT	92M2O	SGT			1	1	1							
6	MORT AFFAIRS TEAM SGT	92M3O	SSG	1	1	1	1								
7	MORTUARY AFFAIRS SGT CASUALTY NCO	92M2O	SGT												1. USAG. 2. Mortuary, U.S. Army Memorial Affairs Acty Europe. Second position also graded SGT.
8	MORTUARY AFFAIRS NCO	92M3O	SSG												1. Mortuary (Vicenza), U.S. Army Memorial Affairs Acty Europe. 2. S&T Co, U.S. Army FORSCOM Log Spt Unit Sinai. 3. Corps CSS Bde, 1st Hq HHC. (Aug). 4. Fwd Spt Tm, Joint Read Tng Ctr.
9	SR CASUALTY DATA ANAL	92M4O	SFC												Casualty Data Analys Div, PERSCOM. Subsequent positions also graded SFC.
10	SR MORTUARY AFF NCO	92M4O	SFC												1. Sup & Svc, USASOC. 2. Disp & POW/MIA Affairs Br, PERSCOM. Subsequent positions graded SSG.
11	SR TEAM SERGEANT	92M4O	SFC												Opns Search/Recovery Div, CILHI & Korean Team.
12	PLATOON SERGEANT	92M4O	SFC												Principal NCO of a platoon.

**Table 10-92M-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
13	OPERATIONS SER-GEANT	92M5O	MSG													1. Mortuary, U. S. Army Memorial Affairs Activity Europe. 2. MIA Opns Div, PERSCOM.
14	FIRST SERGEANT	92M5M	1SG													Principal NCO of a company with more than 75 soldiers.
15	CHIEF MORTUARY NCO	92M5O	SGM													1. Mortuary Affairs Ctr, USA QMC&S. 2. USA Central ID Lab, Hawaii.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-92R-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7	1. Frequently lifts 250 pounds and carries 100 feet as part of a 4 soldier team (prorated 63 pounds).
2	1, 2, 3, 4, 5, 6, 7	2. Occasionally lifts 250 pounds and carries 30 feet as part of a 4 soldier team (prorated 63 pounds).
3	1, 2, 3, 4, 5, 6, 7	3. Occasionally pulls 250 pounds 8 feet.
4	5, 6, 7	4. Frequently carries 75 pounds 30 feet.
5	5, 6, 7	5. Must possess normal color vision. 6. Must possess finger dexterity in both hands. 7. Frequently inspects equipment visually.

**Table 10-92R-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
<b>Parachute packing and airdrop</b>															
1	PARACHUTE PACKER AIRDROP SPECIALIST	92R1P	PFC		1	1	2	2	2	3	3	3	4	Grades of additional positions will be in same pattern.	
2	PARACHUTE PACKER AIRDROP SPECIALIST	92R1P	SPC		1	1	2	2	2	3	3	4	4	4	
3	PARACHUTE PACKER AIRDROP SERGEANT	92R2P	SGT					1	1	1	1	2	2		
4	PARACHUTE PACKER	92R1P	SPC		1	2									Abn Spt Plt, Sp Ops Avn Aslt Bn.
5	PARACHUTE PACKER	92R2P	SGT		1	1	1								
<b>Airdrop equipment repair</b>															
6	AIRDROP EQUIP REP SP	92R1P	PFC		1	1	2	2	2	2	2	3	4	Grades of additional positions will be in same pattern.	
7	AIRDROP EQUIP REP SP	92R1P	SPC		1	1	2	2	2	3	4	4	4	4	
8	AIRDROP EQUIP REP SGT	92R2P	SGT					1	1	1	2	2	2		
9	VEHICLE DRIVER	92R1P	PFC												
10	INSPECTOR-TESTER	92R2P	SGT												1. All units except as graded per line 13. 2. Subsequent positions also graded SGT.
11	SECTION CHIEF	92R3P	SSG												Supervision of soldiers in airdrop support sec engaged in parachute packing, airdrop delivery and airdrop equipment repair.

**Table 10-92R-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
12	AIRDROP SUPERVISOR	92R3P	SSG												Supervision of six or more airdrop equipment soldiers. Line is not applied if line 11 is applied.
13	INSPECTOR-TESTER SUPV	92R3P	SSG												1. AD Sec, QM AD Equip Co (Abn). 2. Rep Sec, QM AD Equip Rep & Sup Co (Abn). Subsequent positions graded SGT. 3. AD Spt Sec, QM Light/Heavy AD Sup Co. Subsequent positions graded SGT. 4. Prcht & Txt Rep Sec, AD Rep & Sup Co (Abn). Subsequent positions graded SGT. 5. Airdrop Spt Sec, Hq & Main Spt Co, SOSB (Abn). Subsequent positions graded SGT.
14	PARACHUTE PACKER SUPV	92R3P	SSG												1. Supervision of six or more parachute packing soldiers. Line is not applied if line 11 is applied. 2. Abn Spt Plt, SOA AASLT Hel Bn.
15	AIRDROP EQUIP REP SUPV	92R3P	SSG												Supervision of six or more airdrop equipment repair soldiers. Line is not applied if line 11 is applied.
16	DETACHMENT SERGEANT	92R4P	SFC												Principal NCO in a detachment consisting of 75 or less soldiers.
17	PLATOON SERGEANT	92R4P	SFC												Principal NCO of a plt engaged in air items, support and aerial delivery.
18	AIRDROP EQUIP NCO	92R4P	SFC												1. Abn Spt Plt, HHC AASLT Hel Bn (SOA). 2. Adrp Ofc, QM AD Sup Co. 3. Svc-CL Sec, QM AD Equip Rep & Sup Co. Abn Div/Corps. 4. Rig Air Dlvry Sec, Spt Co SF Bn (Abn). 5. Rig Sec, PSYOP Grp (Abn). 6. Mat Sec, COSCOM. 7. Adrp Spt Sec and Rig Sec, Hq & Main Spt Co, SOSB (Abn).
19	AIRDROP OPS NCO	92R4P	SFC												1. Trans Spt Br, COSCOM. 2. ACofS, Svc Sec HHC & Sp Trp, TAACOM. 3. Fld Svc Dir, HHC Spt Cmd (TA).
20	SR AIRDROP OPS NCO	92R5P	MSG												Div Parcht Off, HHC/MMC, Spt Cmd, Abn Div.
21	FIRST SERGEANT	92R5M	1SG												Principal NCO of a company with more than 75 soldiers.
22	CH AIRDROP OPS NCO	92R5P	SGM												G4/Plans Cell/Main, HHC, XVIII Abn Corps.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-92R-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
<b>Parachute packing and airdrop</b>															
1	PARACHUTE PACKER AIRDROP SPECIALIST	92R1P	PFC		1	1	2	2	3	3	3	3	4		Grades of additional positions will be in same pattern.
2	PARACHUTE PACKER AIRDROP SPECIALIST	92R1P	SPC		1	1	2	2	3	3	3	4	4	4	
3	PARACHUTE PACKER AIRDROP SERGEANT	92R2P	SGT								1	1	2	2	

**Airdrop equipment repair**

**Table 10-92R-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes									
				1	2	3	4	5	6	7	8	9	10										
4	AIRDROP EQUIP REP SP	92R1P	PFC	1	1	2	2	2	3	3	3	4	Grades of additional positions will be in same pattern.										
5	AIRDROP EQUIP REP SP	92R1P	SPC	1	1	2	2	3	3	3	4	4											
6	AIRDROP EQUIP REP SGT	92R2P	SGT						1	1	1	2	2										
7	AIRDROP SERGEANT	92R2P	SGT											Air Delivery Sec, USAG Ft Stewart.									
8	PARACHUTE PACKER	92R2P	SGT											USA Oper Test and Evaluation Agency.									
9	AIRDROP EQUIP REP SGT	92R2P	SGT											1. Airdrop Br, USAG Ft Polk. 2. Plns Ops Div, USAG Ft Lewis. 3. Care-Preserv Br, 35th Sup and Svc Bn (Aug). Second position also graded SGT. 4. USA Yuma Prov Gd: a. Parachute Maint Sec. b. Sup Sec. Second position also graded SGT.									
10	INSPECTOR TESTER	92R2P 92R2PW8	SGT											1. Subsequent positions will also be graded SGT. 2. Dir of Dist, USA Elm Def Dist Region West. 3. Susq Dist Site, USA Elm Def Dist Region East. 4. Airdrop Br, USAG Ft Polk. 5. Plns Ops Div, USAG Ft Lewis. 6. Pack Br, USA Oper Test and Evaluation Agency. 7. Rigger Sec, USAJFKSWCS. 8. Air Delivery, Maint Shop and Rigger Sec, USAG Ft Lee. 9. Maint Sec, USAINFSCH. 10. Tech Mgt Ofc, USA Natick Research Development and Engr Ctr. 11. Airdrop Sec, USA Yuma Prov Gd.									
11	PARACHUTE PACKER	92R3P	SSG											1. Hq Cmdt Div, USA Elm U.S. SOC. Second position graded SGT. 2. Hq Cmdt, USA Elm USCENTCOM SOC. 3. Spt Div, USA Exercise Spt Agency. Subsequent positions also graded SSG. 4. Air Delivery, USAG Ft Stewart. 5. B Co-MFF Tng, USAJFKSWCS. Subsequent position also graded SSG. 6. 1/1 SFG Aug Spt. Second position graded SGT. 7. Parachute Pkg/Maint Br, USA Elm Joint Comm Spt Elm. Second and third position graded SGT.									
12	INSPECTOR TESTER SUPV	92R3P	SSG											1. Susq Dist Site, USA Elm Def Dist Region East. 2. Airdrop Br, USAG Ft Polk.									
13	AIRDROP EQUIP REP SUPV	92R3P 92R3PW8	SSG											1. Air Delivery Sec, USAG Ft Stewart. 2. Airdrop Br, USAG Ft Polk. Second position also graded SSG. 3. Aerial Delivery Br, USAG Alaska. 4. Rigging Br and Packing Br, USA Oper Test and Evaluation Agency. Subsequent position graded SSG. 5. Maint Sec, USAINFSCH. 6. Airdrop Sec, USA Yuma Prov Gd. Second position also graded SSG.									
14	PARACHUTE PACKER SUPV	92R3P 92R3PW8	SSG											1. Airdrop Br, USAG Ft Polk. 2. Plns Ops Div, USAG Ft Lewis. 3. Abn Det, Staff and Faculty USMA. 4. Hqs Sec, USA Parachute Team. Second position also graded SSG. 5. Rigger Sec, USAJFKSWCS. 6. Store Issue Sec, USAINFSCH. 7. Rgr Spt Elm, USAINFSCH. Second position also graded SSG. 8. Airdrop, Parachute Pack, Rop and Sup Sec, USA Yuma Prov Gd. 9. Pack Sec, USAINFSCH. One per 10 parachute packers. 10. Rop Sec, USA Yuma Prov Gnd.									

**Table 10-92R-3**  
Standards of grade TDA—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
15	AIRDROP EQUIPMENT NCO	92R4P 92R4PW8	SFC												1. Susg Dist Site, Dist Region East. 2. Spt Div, USA Exercise Spt Acty. Second and third positions also graded SFC. 3. Aerial Delivery, USAG Ft Stewart. 4. Para Pkg/Maint Br, Joint Comm Spt Elm. 5. Hq Sec, USA Parachute Team. 6. Rigging Br, USA Operational Test and Evaluation Agency. Second and third positions also graded SFC. 7. Rigger Sec, USAJFKSWCS. Second position also graded SFC. 8. Pack Sec, Maint Sec, RGR Spt Elm and Stor Iss Sec, USAINFSC. 9. WSM ADE, USA Avn and Trp Cmd. 10. Tech Mgt Ofc, USA Natick Research Dev and Engr Ctr. 11. Sup Sec, USA Yuma Prov Gd. 12. Hq Cmdt, USA Elm USCENTCOM SOC. 13. SFG Aug Sup, Hq USA Special Op Spt Cmd.
16	SR AIRDROP EQUIP REP	92R4P	SFC												1. Aerial Resupply, USAG Ft Polk. 2. Abn Det, Staff & FA USMA. 3. Plns Ops Div, USAG Ft Lewis. 4. Rigging Br and Packing Br, USA Operational Test and Evaluation Agency. Second and third positions also graded SFC. 5. Air Delivery, USAG Ft Lee. 6. Air Items Div, 51st Maint Bn (Aug). 7. Care-Preserv Br, 35th Sup and Svc Bn (Aug).
17	AIRDROP OPS NCO	92R4P	SFC												1. Spt Div, Exercise Spt Act. Second position also graded SFC. 2. Aerial Delivery Br, USAG Alaska. 3. USA SOF Det Korea. 4. Airdrop Sec, USA Yuma Prov Gd. 5. SFG Aug Sup, Hq USA Special Oper Spt Cmd.
18	SR AIRDROP OPS NCO	92R5P	MSG												1. Hq Commandant Div, U.S. Army SOC. 2. Adv Det TA, USA Spt Acty Saudi.
19	SR AIRDROP EQUIP NCO	92R5P 92R5PW8	MSG												1. Rigging and Packing Br, USA Oper Test and Evaluation Agency. 2. Bell ADE GSE Br, USA Avn and Trp Cmd. 3. Abn Test Force Br, USA Yuma Prov Gd. Position coded with W8.
20	FIRST SERGEANT	92R5M	1SG												Principal NCO of a company with more than 75 soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-92Y-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7	1. Frequently lift, lower and carry 100 pounds.
2	1, 2, 3, 4, 5, 6, 7	2. Occasionally carry 100 pounds up to 500 feet.
3	4, 5, 6, 7	3. Frequently push/pull 100 pounds 200 feet.
4	4, 5, 6, 7	4. Must possess normal color vision.
5	5, 7	5. Frequently writes to keep records and compiledata. 6. Frequently inventories visually. 7. Frequently reads detailed technical manuals.

**Table 10-92Y-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	SUPPLY SPECIALIST	92Y1O	PFC	1	1	1	1	2	2	3	3	3	3	1. Grades of additional positions will be in same pattern for all supply functions unless graded elsewhere.
2	SUPPLY SPECIALIST	92Y1O	SPC		1	1	2	2	3	3	4	4	5	2. Apply supply sergeant and armor positions in unit first.
3	SUPPLY SERGEANT	92Y2O	SGT		1	1	1	1	1	1	2	2		
4	SUPPLY ACCTG SP	92Y1O 92Y1OG3	PFC		1	1	2	2	2	3	3	3	3	1. Mgmt Asset Acctg Br, DISCOM. 2. Log Sup Sec, SOA Aslt Hel Bn. Use with SQI S. 3. Use with ASI G3 as appropriate.
5	SUPPLY ACCTG SP	92Y1O 92Y1OG3	SPC		1	1	2	2	2	2	2	3	3	
6	SUPPLY ACCTG NCO	92Y2O 92Y2OG3	SGT		1	1	1	1	1	2	3	3	3	4
7	CON-EDIT SP	92Y1O 92Y1OG3	PFC		1	1	1	2	2	2	3	3	3	1. Requisition Edit-document Control Br of DISCOM. 2. Use with ASI G3 as appropriate.
8	CON-EDIT SP	92Y1O 92Y1OG3	SPC		1	1	1	2	2	2	3	3	3	4
9	CON-EDIT NCO	92Y2O 92Y2OG3	SGT			1	1	1	2	2	2	3	3	
10	SUP ACCTG SP	92Y1O 92Y1OG3	PFC		1	1	1	2	2	2	3	3	3	1. Spt Bn of Sep Bde or Prop Book/CI VII Sec of Spt Sqdn, AASLT/Abn Div or Prop Asset Acctg Sec of Spt Bn/Cmd. 2. Use with ASI G3 as appropriate.
11	SUP ACCTG SP	92Y1O 92Y1OG3	SPC		1	1	1	2	2	2	3	3	3	4
12	SUP ACCTG NCO	92Y2O 92Y2OG3	SGT			1	1	1	2	2	2	3	3	
13	SUPPLY SPECIALIST ARMORER	92Y1O	PFC		1	1	1	2	2	3	3			1. Sup Ops Sec of Det Hq. 2. Co/Det Hq, Lt Armd Co/Mvt Ctl Bn (EAC)/Trans Railway Bn/Hvy Sep Bde (Armor/Mech).
14	SUPPLY SPECIALIST ARMORER	92Y1O	SPC			1	2	2	3	3	4			
15	SUPPLY SERGEANT ARMORER	92Y2O	SGT		1	1	1	1	1	1	1	1	1	
16	SUP ACCTG SP	92Y1O 92Y1OG3	PFC			1								1. Sup and Svc Co. 2. Asset Vis/Reports Tm, HHC/MMC Spt Cmd, LID. 3. Use with ASI G3 as appropriate.
17	SUP ACCTG SP	92Y1O 92Y1OG3	SPC		1	1								
18	SUP ACCTG NCO	92Y2O 92Y2OG3	SGT		1	1	1							
19	SUPPLY SPECIALIST	92Y1O	SPC											Single MOS 92Y position in a section.
20	ARMORER	92Y1O	SPC											1. Btry, Co, or Air Cav Trp Hq Sec. 2. Spec Ops Avn Det. Use with SQI S.
21	PROPERTY BOOK NCO	92Y2O 92Y2OG3	SGT											1. S4/G4/Log Sec/Bn Sup Sec, Bn/Sqdn/Bde/Regt/Gp with manual/automated property book. 2. S4 Sec, HHC Med Hel Bn (SOA). One per property book. Position coded with SQI S. 3. S4 Sec: a. HHD Surgical Hosp. b. CID Det (CSE/TSE). c. Hq & Hq Svc Co TEB Corps. d. Bde Hq Aug Tm. e. EAC Intel Ctr. 4. Admin & Log Sec, Bde Hq Liaison Elm. 5. Intel Prop Book Sec, HHC MI Intel Bde. 6. Co Hq, Avn Co (Crazyhorse). 7. G4, HHC CA Comp (TA). 8. S1/4 Sec, HHC ADA, Chaparral. 9. Prop Bk Tm, HHC/MMC DISCOM LID. 10. Sp Trp Hq, HHC & Sp Trp TAACOM. 11. Sp Trp Bn Hq, HHC Theater Spt Cmd. 12. Sup & Svc Plt, Inf Bn. 13. Sup Sec, Hq Sig Tm. 14. Prop Bk Tms (MMC), Spt Bn. 15. Use with ASI G3 as appropriate.

**Table 10–92Y–2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
22	SUPPLY SERGEANT	92Y2O 92Y2OF7	SGT													<ol style="list-style-type: none"> <li>1. Co/Btry/Trp/Det/Sqdn, supporting 100 or less soldiers. Infantry units coded with ASI F7.</li> <li>2. Log Ops Sec, HHC Med Hel Bn (SOA). Position coded with SQI S.</li> <li>3. Tm Hq, Engr Diving Tm.</li> <li>4. Arctic Lt Recon Sec Hq, HHC Scout Gp.</li> <li>5. Co Spt Sec, Dental Co/Det (Area Spt).</li> <li>6. Sup &amp; Svc Div, Hosp Unit.</li> <li>7. Cmd Sec, QM AD Sup Det.</li> <li>8. AD Equip Rep/Sup Sec, QM AD Equip Rep/Sup Det.</li> <li>9. Sup Sec, Replacement Co.</li> <li>10. Tm LA Admin OH, Confinement Tm Admin OH.</li> <li>11. EPW Property Sec, MP Det PWIC.</li> <li>12. Elm Hq, MP Det (CID) (TASE).</li> <li>13. Hq &amp; Spt Co, H&amp;S Co, PSYOP Bn.</li> <li>14. EACIC Spt Elm, MI Tm EACIC Spt Elm.</li> <li>15. Hq &amp; Svc Co, Hq Svc Co, Ops Bn EAC.</li> <li>16. C-E Sec, HHC MI Bn (Coll &amp; Expl).</li> <li>17. Hq ADA Det ACR/HSB, Hq Det Cell ACR.</li> <li>18. Sup Sec/LSA/Main, HHC Corps.</li> <li>19. S2/3 Sec, HHD Trans Railway Bn.</li> <li>20. Co Hq/LSA/Main, HHC Bde/Div.</li> <li>21. Sp Trp Bn Hq, HHC Theater Spt Cmd.</li> <li>22. Pers Ops/CSS/Rear, HHC Hvy Div.</li> <li>23. Sup Sec, Avn/Cav Bde.</li> <li>24. Log Op, Avn Bn.</li> <li>25. Cont &amp; Spt Det, Engr Det.</li> <li>26. Maint Plt Hq &amp; Sup &amp; Svc Plt, Inf Bn.</li> <li>27. Det Hq, Med Gp.</li> <li>28. Hq &amp; Spt Sec, Med Co/Det.</li> <li>29. Cmd Sec, Med Tm Lab.</li> <li>30. Det Hq, Data Proc Unit.</li> <li>31. Log Sec, Log Spt Div &amp; DOIM, Sig Bn.</li> <li>32. SOCEUR, Det.</li> <li>33. Hq Spt Sec, PSC Bn.</li> <li>34. Admin/Log Sec, ADA Bde.</li> <li>35. ACofS Svc Sup &amp; Mn, TRANSCOM.</li> <li>36. G4/CSS Cell/Main, Corps.</li> <li>37. S4, Bn/Sqdr/Bde/Gp.</li> <li>38. Bn Sup Sec, Bn/Sqdn/Bde/Gp.</li> </ol>
23	SUPPLY SERGEANT	92Y3O 92Y3OF7 92Y3O2S	SSG													<ol style="list-style-type: none"> <li>1. Btry/Co Hq/Trp Hq/Det Hq/Tm supporting 101 or more soldiers. Infantry Co position coded with ASI F7.</li> <li>2. Sup Sec, Bn/Bde/Sqdn. <ol style="list-style-type: none"> <li>a. Bn/Bde/Sqdn.</li> <li>b. Hel Co.</li> <li>c. Theater Army Avn Co.</li> <li>d. Aslt Co.</li> <li>e. Confinement Team.</li> </ol> </li> <li>3. Log Ops, HHC Med Hel Bn (SOA). Second position also graded SSG. Position coded with SQI S.</li> <li>4. S4 Sec, HHC Aslt Hel Bn (SOA). One per team. Position coded with ASI 2S.</li> <li>5. Sup Sec, Engr Port Const Co.</li> <li>6. Hq &amp; Hq Co, HHC Med Cmd.</li> <li>7. Sup &amp; Svc Div, Hosp Unit Base.</li> <li>8. Hq Sec, EOD Control Tm.</li> <li>9. Co Hq/LSA/Main, Div Cmd.</li> <li>10. PE Depot Plt, QM Mort Aff Co EAC.</li> <li>11. Sup Svc Prop Ctrl, HHC Army Sig Cmd (Rear).</li> <li>12. Sup Sec, Replacement Co.</li> <li>13. Base Spt Plt, Fwd Spt Co SOSB Abn. Position coded with SQI S.</li> <li>14. Sup &amp; Trans Sec, Spt Co SF Bn Abn. Position coded with SQI S.</li> <li>15. Hq and Svc Co, MI Bn.</li> <li>16. Hq and Svc Co, Hq &amp; Hq Svc Co Ops Bn Corps/EAC.</li> <li>17. TI Exploitation Plt, TI Co Hq Tm.</li> <li>18. Cmd Sec, Hq Tm, MI Co (JSTARS).</li> <li>19. Sup Sec, Avn Co EW MIB.</li> </ol>

**Table 10-92Y-2**  
**Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
															20. Plt Maint Tm and Provider Plt Hq, QM Force Provider Co. 21. Sup Sec/LSA/Main, HHC Corps. 22. Intl Spt Div, MMC (Split-Ops) COSCOM. 23. Dist Plns Br, HHC Theater Spt Cmd. 24. CSS AMO: a. HHC/MMC Spt Cmd. b. HHC COSCOM. c. HHC Spt Gp (Corps). d. HHC & Spt Trp TAACOM. e. HHC ASG. f. HHC SIB/HSB. Second position graded SGT. g. HHT, Spt Sqdn ACR. 25. Admin/Log Sec, HHC ADA Bde. 26. Log Sec, Sig Bn. 27. Co Hq, HHC Sig Cmd & STRAT Spt Co. 28. Hq Co, PERSCOM. 29. Sup Sec, MP Det. 30. S4, PSYSOP Gp, Spt Bn. 31. ACofS G1/G4/COS, HHC 8th USA. 32. Dist Ops Br, Theater Spt Cmd. 33. Co Hq/LSA/Main, HHC Abn Div. 34. Co Hq & Sup Sec, MMC Split Ops COSCOM. 35. Sup Sec/LSA/Main, HHC Abn Corps/HHC Corps. 36. Co Hq & Sup Sec, HHC COSCOM/Ctr. 37. Base Spt Plt, Spt Bn, SOSCOM. 38. Prop Bk Tms (MMC) Spt Bn, SOSCOM. 39. Assets Vis Br (MMC) Spt Bn, SOSCOM. 40. Rpts Br (MMC), SOSCOM Spt Bn. 41. Stem Spt Ofc, HHC DISCOM TFXXI Hvy Div. 42. IG Sec, HHC & Sp Trp, TAACOM. 43. Co Sup Sec, HHC SOA Regt. 44. Log Sup Sec, ASLT Bn. Second and third position also graded SSG. 45. Hq Sec, Chem Co. 46. EPW/CI Br, Cp Tm. 47. Cmd Sec, MI Co (ATCAE) (Strat SIGINT).
24	PROP COORD NCO	92Y4O 92Y4OG3	SFC												1. Civil Assist Tm, CA Co, (DS). 2. Prop Bk Tm, HHC/MMC DISCOM, LID and SOSB. 3. Sup Mgmt Div (MMC), SOSB. 4. Log Ops/Log Sup Sec, Avn Bn. 5. Prop Book, CI VII SEC, HHT Spt Sqd ACR. 6. Use with ASI G3 as appropriate.
25	SUPPLY REPORTS SUPV	92Y4O 92Y4OG3	SFC												1. Reports Br, HHC/MMC DISCOM, (Hvy Div). 2. Asset Vis/Rpts Tm, HHC/MMC, DISCOM (LID). 3. S4 Sec: a. Jt Ops Staff Tm. b. Grp HHD. 4. Use with ASI G3 as appropriate.
26	CUSTOMER ASST NCO	92Y4O 92Y4OG3	SFC												1. Mgmt Asset Acctg Br of HHC/MMC, DISCOM, (Hvy Div). Second position also graded SFC. 2. Prop Bk/CI VII Sec: a. HHT, Spt Sqdn, ACR. b. HHC Spt Bn, Hvy Sep Bde. c. HHC Spt Bn, SIB. 3. Asset Acctg Br, HHC/MMC DISCOM, Abn Div. 4. Use with ASI G3 as appropriate.
27	SUPPLY PLANS/OPS NCO	92Y4O 92Y4OA3 92Y4O2S	SFC												1. S4 Sec, HHC Sp Ops Avn Regt. Position coded with ASI 2S. 2. Log Plns/Ops, HHC Med Cmd. 3. Spt Opns Sec, Hq & Main Spt Co, SOSB, Abn. 4. Hq Cmdt and Prog & Reconst Br, HHC Army Svc Comp Cmd (ASCC). 5. Plans Br and Force Design/Plans Br, HHC COSCOM. Position coded with ASI A3. 6. G4/CSS Cell/Rear, Abn Corps. 7. Intl Spt Div, MMC (SplitOps), COSCOM. 8. Hq Cmdt, Third Army. 9. Dist Opns Br, HHC Theater Spt Cmd.

**Table 10-92Y-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
28	SUPPLY ACCTG NCO	92Y4O 92Y4OG3 92Y4O2S	SFC												<ol style="list-style-type: none"> <li>1. S4, HHC Sp Ops Avn Regt. Second position also graded SFC. Position coded with ASI 2S.</li> <li>2. G4 Plans Sec, HHB ADCOM (TA).</li> <li>3. Mgmt-Asset Acctg Br, HHC/MMC DISCOM, Hvy Div. Subsequent positions also graded SFC.</li> <li>4. Prop Bk/CI VII Sec: <ol style="list-style-type: none"> <li>a. HHT Spt Sqdn, ACR.</li> <li>b. HHC Spt Bn, Hvy, Sep Bde.</li> <li>c. HHC Spt Bn SIB.</li> <li>d. HHC/MMC Spt Cmd, AASLT Div.</li> </ol> </li> <li>5. Asset Acctg Br, HHC/MMC DISCOM AASLT Div.</li> <li>6. S4, HHC Avn Gp.</li> <li>7. Use with ASI G3 as appropriate.</li> </ol>
29	SUPPLY NCO	92Y4O 92Y4O2S	SFC												<ol style="list-style-type: none"> <li>1. Log Ops of HHC Med Hel Bn (SOA).</li> <li>2. S4, Hq Detach, SF Bn (CDet); HHC Civil Affairs Bn.</li> <li>3. Hq Co/LSA of HHC ASCC.</li> <li>4. G4/CSS Cell of HHC Force XXI Hvy (Corps); HHC Corps.</li> <li>5. Hq SP Trps Bn/Sp Trp Hq of HHC COSCOM.</li> <li>6. S4, Sig Bn/SF Bn, SF Gp/Med Bn.</li> <li>7. Log Sec/Log Spt Div, Sig Bn.</li> <li>8. Bn Sup Sec, A Btry MLRS Btry.</li> <li>9. Hq Co/LSA, Third Army.</li> <li>10. Log Sup Sec, HHC Aslt Hel Bn.</li> <li>11. Use with ASI 2S as appropriate.</li> </ol>
30	SUPPLY SERGEANT	92Y4O 92Y4OF7 92Y4OG1 92Y4O2S	SFC												<ol style="list-style-type: none"> <li>1. S4 Sec/Log Sec/Admin Log Sec/Bn Sup Sec, Bn/Sqdn/Gp/Cmd. Second position graded SGT. Position coded with ASI 2S. Infantry Co position coded with ASI F7.</li> <li>2. S4/Med Sup Sec, HHD Area Spt Med Bn (ASB).</li> <li>3. DCS Log, HHC Med Cmd.</li> <li>4. Log Sec, Hq &amp; Hq Co SOSB Abn. Position coded with SQI S.</li> <li>5. Opns &amp; Log Sec, Hq Pers Svc Bn.</li> <li>6. Log Opns, HHC Med Bn (SOA). Position coded with ASI 2S and SQI S.</li> <li>7. Bn Sup Sec, Svc Btry.</li> <li>8. S4 Med Sup Sec, Hq &amp; Spt Co (ASB).</li> <li>9. S4: <ol style="list-style-type: none"> <li>a. HHD Cpt Spt Hosp.</li> <li>b. HHC (Cav).</li> <li>c. HHT Div Cav.</li> <li>d. Hq &amp; Main Spt Co, SOSB.</li> </ol> </li> <li>10. S&amp;S Div of HHC Theater Sig Cmd.</li> <li>11. Intel Prop Bk Sec of HHC Intel Bde (EAC).</li> <li>12. ACofS Svc Sup &amp; Mn of HHC Trans Cmd.</li> <li>13. Cmd Sec of Area Spt Tm (Base Spt Bn).</li> <li>14. Sp Trps Hq of Hq &amp; SP Trps, TAACOM.</li> <li>15. SP Trps Hq of HHC Spt Cmd (EAC).</li> <li>16. G4, HHC Civil Affairs Cmd TA/Bde/Gp.</li> <li>17. HHD MI Bde.</li> <li>18. Hq Co of MMC TA.</li> <li>19. G4, HHC IN Div (Mech).</li> <li>20. Cmd Sec, HHD Spt Bn/Gp.</li> <li>21. S4, Engr Co.</li> <li>22. S&amp;S Br, Trans Bn.</li> <li>23. Log Sec/Log Spt Div, HHD Sig Bn.</li> <li>24. HHB ADA Bde.</li> <li>25. P BO, Maint Co.</li> <li>26. S&amp;S Plt, 1st Bn 3d ID.</li> <li>27. Prog &amp; Reconst Br, ASCC.</li> <li>28. Ops &amp; Log Sec, PSB.</li> <li>29. Sp Trps Bn Hq, Theater Spt Cmd.</li> </ol>
31	DETACHMENT SER-GEANT	92Y4O	SFC												<ol style="list-style-type: none"> <li>1. Principal NCO of a detachment with 75 or less soldiers.</li> <li>2. Svc Detach Hq of Spt Co, SF Gp/Bn.</li> <li>3. S&amp;S &amp; Maint Bn.</li> </ol>

**Table 10-92Y-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
32	SENIOR SUPPLY SGT	92Y5O 92Y50G1 92Y5O2S	MSG												<ol style="list-style-type: none"> <li>S4 Sec/G4/Admin/Log Sec, Bde/Gp/Regt/Cmd/ACR/DIVARTY/Corps Arty/TA. Position coded with ASI 2S.</li> <li>S4 Sec, HHC Aslt Hel Bn (SOA). Position coded with ASI 2S and SQI S.</li> <li>Sup and Svc Div, HHC Theater Signal Cmd.</li> <li>G4 Fwd Elm, HHC Army Sig Cmd (FWD). Theater PERSCOM.</li> <li>ACofS Log, HHC Pers Cmd and Theater Pers (Modular).</li> <li>S4 Sec, TASOC.</li> <li>Tech Intel Sec, OpsAnalysis Co MI Bn TE.</li> <li>S4 Sec, EAC Intel Ctr/Avn Bde.</li> <li>Log Plns &amp; Prog Div, HHC Army Svc Comp Cmd. Position coded with ASI 2S.</li> <li>S4 Sec, HHC/MMC DISCOM. Position coded with ASI 2S.</li> <li>Plans/Procedures Sec, MMC, COSCOM.</li> <li>Dist Opns Br, HHC Theater Spt Cmd.</li> <li>S4 Sec, HHC Abn Div &amp; Armor Div.</li> <li>Prop Bk, CI VII Ofc, DISCOM.</li> <li>Sup &amp; Maint Div, HHC Th Sig Cmd.</li> <li>Hq Spt Sec, HHC FA Bde.</li> </ol>
33	OPERATIONS SER-GEANT	92Y5O	MSG											Hq Cmdt, HHC Army Svc Comp Cmd.	
34	FIRST SERGEANT	92Y5M	1SG											<ol style="list-style-type: none"> <li>Principal NCO of a company with 75 or more personnel.</li> <li>Hq &amp; Sup Co, FSB, LID.</li> </ol>	

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-92Y-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	SUPPLY SPECIALIST ARMORER	92Y1O 92Y1OG3	PFC			1	2	2	3	3	4	4	4	<ol style="list-style-type: none"> <li>Grades of additional positions will be in same pattern.</li> <li>Armorers position graded per lines 1 and 2.</li> <li>Use with ASI G3 as appropriate.</li> </ol>
2	SUPPLY SPECIALIST ARMORER	92Y1O 92Y1OG3	SPC		1	1	1	2	2	3	3	4	4	
3	SUPPLY SERGEANT	92Y2O 92Y2OG3	SGT	1	1	1	1	1	1	1	1	1	2	
4	SUPPLY SPECIALIST	92Y1O	SPC											<ol style="list-style-type: none"> <li>Gymnasium/Field House.</li> <li>Mat Ops Div and Spt Br, USA Foreign Science and Technology Ctr.</li> <li>Detachment Unit Supply.</li> <li>Tech Spt Inst Div, USA Elm Def Spec Weapons Fld Cmd.</li> <li>Sup Mgmt Sec, USA Elm on Site Inspection Agency.</li> <li>Elec Prod Br, USA Elm American Information Svc.</li> <li>Ofc of Cdr, USA Elm JT Interoperability and Engr Org.</li> <li>Hq Cmdt, USA Elm USCENTCOM Spec Ops Cmd.</li> <li>Mat Sec Aug, USA Reserve Storage Acty.</li> <li>Tng Sup Ctr, 411 CS HHD Spt Bn (Aug).</li> <li>Spt Div, USAG Ft Hood. Subsequent position also graded SPC.</li> <li>Range Ctrl Br, USAG Ft Riley.</li> <li>Bach Housing Br, USAG Ft Carson.</li> <li>Range Ofc, USAG Ft Lewis. Second position graded PFC.</li> <li>Avn Div, Hq Van Bks and Signal Cell, USAG Ft Lewis.</li> <li>Log Sec, USA ISC Ft Meyer.</li> <li>ACR PB Tm, NTC and Ft Irwin.</li> <li>Admin Sec, USA Elm Supreme Hq Allied Powers Europe.</li> <li>Engr Plt, Staff and Faculty USMA.</li> </ol>

**Table 10-92Y-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
																20. Materiel Mgmt Br and Log Spt, Walter Reed Institute of Research. 21. Med Co, USA Medical Dept Acty Redstone Arsenal. 22. Housing Br, USAG Ft Detrick. 23. Plns (GCCS), USA Pacific Acty. 24. Sup & Svc, USAG Alaska. 25. Sup & Svc, USA Spec Ops Spt Cmd. 26. HHC, USA Spec Ops Fld Oper Elm Approved. 27. Sup & Pubs, USAG Ft Lee. 28. Rest Mgmt Br and Rec Issue Sec, USAINFCTR. 29. UPH, USAINFCTR. Second position also graded SPC. 30. Cbt Dev Ops Lan, USA Signal Ctr & Ft Gordon. 31. Res Mgt Br, Log Br, MPD Adm Spt, and Education Svc, USA Tng Ctr & Ft Jackson. 32. SGS, USA Avn Ctr & Ft Rucker. 33. Airfld Ops and Tech Ops, USA Armor Ctr and Ft Knox. 34. Airfld Ops, Museum and Prop Bk Br, USA FA Ctr and Ft Sill. 35. Ofc Staff Ch, USA ADA Ctr and Ft Bliss. 36. Maint Admin Plt and Dept Tact Tng Doc Dev, USA Engr Ctr and Ft Leonard Wood. 37. Admin Sup Sec, Conv WP, Turret, Fire Co, Admin Pwr Gen Div, USA Ord Ctr and Sch. 38. Fac, Log War, and Basic Pet Log Div, USA QMC&S. 39. Admin Ofc and MTD Maneuver Btl Space, USA Armor Sch. 40. Admin Log Ofc, USA Log Mgmt College. Second position graded PFC. 41. Tac Log & Ldr Dev Dept, USA Log Mgmt College. 42. Mil Pers Div, Humint Tng Cmty and Infr Warfare, USA Intel Ctrand Sch. 43. Air Def Div, USA Ord Msl and Muns Ctr & Sch. 44. Log Br, USA Ord Msl and Muns Ctr & Sch. Second position graded PFC. 45. Prog Mgmt Div, Avn Mgt Br and Admin Sup Ofc, USAINFSCH. 46. Equip Svc Br, USA AD Ctr Range Cmd. 47. Admin Ofc and Mgmt Svc Div, TRADOC. 48. Trac-Flvn Ofc of Dir and Sec & Fac Div, TRADOC Analysis Ctr. 49. LF TF Cbt Tnr, NTC Oper Gp. 50. Oper Div, USA Battle Cmd Tng Program. 51. Mil Pers Div and Pers Admin Br, USAG APG. 52. Log Br, 30th Med Bde (Aug). 53. Ops Br, USAFORSCOM. 54. Protocol Bureau, NTC Ft Irwin. 55. Log Dir, USA Elm Natl Def Univ. 56. Sup/Procurement, USAE JTF Full Acct.
5	PROPERTY BOOK NCO	92Y20	SGT													1. S4 Sec: a. USA Foreign Science and Technology Ctr. b. 501st/751st/703d, MI Bn. c. USAINSCOM Force Modernization Acty. d. Staff and Faculty USMA. 2. 16th Engr Bn, 130th Engr Bde (Aug). 3. Log Br, USA Chaplain Ctr and Sch. 4. MMC 25 IN HHC (Aug). 5. Sup Div, USAG Ft Hood. 6. Prop Bk Br, USA FA & Ft Sill. Subsequent position also graded SGT. 7. CIPB, USAG Panama. 8. Prop Mgmt Br, USA Med Acty Japan.



**Table 10–92Y–3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes			
			1	2	3	4	5	6	7	8	9	10				
																53. Sac, USA Avn Ctr and Ft Rucker. 54. Force Integration Br, USA Armor Ctr and Ft Knox. 55. New Equip Tng Div, USA Comm-Elec Cmd. 56. Dir Miss Op/Spt, USA Depot Blue Grass Depot and USA Depot Acty Leghorn. 57. Admin Sec, USA SOSE. 58. HSC, USA Southern Europe Task Force. 59. Det Hq, 22nd Spt GP (Aug). 60. S&S, 100th LG HHC ASG (Aug). 61. S4, USAG Ft Bragg. 62. PSB Aug Rep Spt Unit, USAG Ft Campbell. 63. Sup Br, USAG Fts McPherson/Meade/Belvoir. 64. A Co, USAG Ft Stewart. 65. RC/ROTC Sup Div, USAG Ft Lewis. 66. A Co, NTC Ft Irwin. 67. MMC Prop Mgmt/Stk Con/S&T Co, USA FORSCOM LSU, Sinai. 68. Corps CSS Bde, I Corp HHC (Aug). 69. Req/Edit Doc Br/MAAB, 296 CS Bn (Aug). 70. Log & Budg Div, US EUCOM NATO Sch & Marshall Ctr. 71. Resource Mgmt Div, USA JCISA, Korea. 72. Med Co, USA Med Acty, Heidelberg. 73. Hosp/Med Co, Walter Reed Med Ctr/D Eisenhower Med Ctr. 74. Hosp Co, USA Med Acty, Fts Benning/Campbell/Jackson/Stewart. 75. MP/Chem/Ammo Co, USA Chem Acty Pacific. 76. Co Hq, 68th Med Co (Aug) Honor Guard 8th Army. 77. UNC JSF Co, UN Command Sec Force. 78. Katusa Rcpt/Tng Ctr, 8th Army Sp Trp Cmd. 79. Prop Con, 34th Spt Gp HHC (Aug). 80. Mgmt Acct, MEPS Springfield/Miami. 81. Log Svc Br, MEPS Hq. 82. Admin Ofc, USA Legal Svc Agency. 83. Spt Div, USA Op Test/Eval Agency. 84. Sp Ops Avn Tng Co, 160th Avn Rgt (Aug). 85. Prog Mgmt & Spt Br/Co A1 210, USA Avn Ctr & Ft Rucker. 86. RCS Off, USA Intel Ctr & School. 87. S4, 3d Tng Bde/USA FA Tng Ctr. 88. TX A&M Univ, USA 4th ROTC Region Sr Program. 89. Ops Div, USA FA Sch, FTB, USA FA Tng Ctr. 90. SGS, TRADOC. 91. Tng Spt Div, Chem Sch. 92. HHC, USA FM/Opn Div, USAG Ft Monmouth. 93. Tst Co/Log Sec, USA WSMR. 94. Sup Sec, USA Cbt Equip Gp, Europe. 95. Sup/HHB, USA FA Sch. 96. SAC, USA Med Ctr & Sch. 97. LITC Sec, USAG Hawaii. 98. Hq Prop Mgmt/A Co Spt Div, Safety Security Spt Svc, Washington. 99. Dir/S4, 4th Tng Bde. 100. ACAD Ins, USA Sig Ctr & Ft Gordon. 101. S4/Res Comp Spt Div, USA Sig Ctr, Ft Gordon. 102. S4/Svc Div, 1st AR Tng Bde, USA AR Ctr. 103. ACS Log, 1st PERSCOM (Aug). 104. 18th Abn Corps AAS, USAG Ft Bragg. 105. S4/Log, 1111th US Army Sig Bn. 106. Sup Br, USA Elm Hq Central Cmd. 107. HHC USAG/Hq Cmd S4, USAG Ft Myers. 108. Ops Ofc, U.S. Army Center of Military History. 109. Sup Sec, USA Soldier Institute. 110. NSA Aug, 501st MI Bde Aug. 111. Hq Spt Trps, Redstone Arsenal Spt Acty, USA Msl Cmd. 112. Co A Med Det, DDE Army med Ctr. 113. Cust Asst Sec, USA Inf Ctr and Ft Benning. 114. S4, USA Tng Bde. 115. Sup Br/Spt Br, NCO Academy, 10th Mnt LD, XVIII Abn Div, I Corps and III Corps.
7	CUSTOMER ASST NCO	92Y40	SFC													Cust Asst Sec, USAINFCTR and Ft Benning.

**Table 10-92Y-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
8	EQ AUTH FD NCO	92Y4OA3	SFC												<ol style="list-style-type: none"> <li>1. Position coded with ASI A3.</li> <li>2. Maneuver Br, and Cbt Spt &amp; Cbt Svc Spt, FORSCOM Hq.</li> <li>3. G3/Force Integration, 2nd Inf Div (Aug).</li> <li>4. Force Mod Br, USA FA Ctr and Ft Sill.</li> <li>5. Force Dev Br, USAADASCH.</li> <li>6. Force Dev &amp; Sust Div, USA Engr Ctr, Ft Leonard Wood.</li> <li>7. Force Integ Div, USASETA.</li> </ol>
9	PLANS OPS NCO	92Y4O	SFC												<ol style="list-style-type: none"> <li>1. RMO, USAG Ft Stewart.</li> <li>2. Exercise Div and TAC Ops Div, USAG Ft Hood. Second position also graded SFC.</li> <li>3. Plns Ops Div, USAG Ft Riley.</li> <li>4. Plns, USAG Ft Stewart.</li> <li>5. Plns &amp; Ops, USAG Alaska.</li> <li>6. Plns Ops Div, HHC 10th/20th Spt Gp (Aug).</li> <li>7. Sup &amp; Svc and 8th Army, USA Spec Opns Spt Cmd.</li> <li>8. Plns Ops Div, USASFC.</li> <li>9. Log Mgmt Div, USASOC.</li> <li>10. MAIT, USA National Assistance Plns Acty.</li> <li>11. P&amp;O Br, USA Tng Ctr and Ft Jackson.</li> <li>12. Ops Br, USA ADA Ctr and Ft Bliss.</li> <li>13. 3d Army/ARCENT, Hq USASOSC.</li> <li>14. Ops Br, USA FORSCOM</li> <li>15. Plns &amp; Ops Div, NTC &amp; Ft Irwin.</li> <li>16. Spt Ops, 25th IN HHC (Aug).</li> <li>17. G3 Tng, Sp Ops Cmd-Full Time.</li> <li>18. Plns &amp; Ops, SOC.</li> <li>19. S4, USA Air Defense School.</li> </ol>
10	SUPPLY SERGEANT	92Y4O 92Y4OF7	SFC												<ol style="list-style-type: none"> <li>1. S4 Sec/Sup Div/Log Sec, USAG. Subsequent positions graded by lines 1 thru 3.</li> <li>2. S4/Sup Sec, Bn/Bde. Subsequent positions graded by lines 1 thru 3.</li> <li>3. S4 USA Regional Ops Cmd.</li> <li>4. Log Sec, USA Criminal Investigation Lab.</li> <li>5. Hq Cmd, USAIC Mgmt Engr Acty.</li> <li>6. Log Ops Br, USA Pub and Printing Cmd.</li> <li>7. JFSC1D, USA Elm Defense Spt Acty.</li> <li>8. Spt Svc Ofc, USA Elm Ofc of the Joint Chiefs of Staff.</li> <li>9. Log Div, USA Elm American Forces Information Svc.</li> <li>10. Hq &amp; Staff Sec, USA Avn Spt Elm U.S. SOC.</li> <li>11. Log Dir, USA Elm SOC Europe.</li> <li>12. Plns/Spt Div, USA Exercise Spt Agency.</li> <li>13. Org Sup Br, USA Industrial Ctr Kaiserslautern.</li> <li>14. Benelux Ctrl Tm, 21st Theater Army Area Cmd HHC (Aug).</li> <li>15. S4 Sec, USASETA.</li> <li>16. Log Br, 30th Med Bde (Aug).</li> <li>17. S1/2/4/Leg/Com and TACSS, USA Cbt Maneuver Tng Ctr Grafenwohr.</li> <li>18. Simulations Br and Res Comp Sec, USAG Ft Campbell.</li> <li>19. RC/ROTC Sup Div, USAG Fts Carson and Lewis.</li> <li>20. DPW USAG Ft Carson.</li> <li>21. Log Div, USA Information Sys Cmd MDW.</li> <li>22. Ofc of SGS, Second U.S. Army Hq.</li> <li>23. Sup Sec, USA Forces Central Cmd Kuwait.</li> <li>24. S4 Sec, NTC and Ft Irwin. Second position graded SGT.</li> <li>25. S4 Sec, USA FORSCOM Log Spt Unit Sinai.</li> <li>26. Prop Bk Tm, 1 AR HHC (Aug). Second position also graded SFC.</li> <li>27. S4/PBO, USA Elm Allied Forces Central Europe Hq.</li> <li>28. INFR/S, USA Elm Allied Forces Southern Europe (AF-SOUTH).</li> </ol>





**Table 10-92Y-3**  
**Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
11 LOGISTICS NCO	92Y4O	SFC													<ol style="list-style-type: none"> <li>1. OBST, USA Elm Def Spt Agcy.</li> <li>2. Mgmt Div, Defense Sup Svc, Washington.</li> <li>3. Log Res/Read Div, USA Elm Southern Cmd Hq.</li> <li>4. FCDNA Det, USA Elm Def Spec Weapons Fld Cmd.</li> <li>5. Sup Ops Div, USA Elm Def Subsistence Region Europe.</li> <li>6. Plns &amp; Ops Div, 10th Spt Gp HHC (Aug).</li> <li>7. Log Dir, USA Elm SOC Korea.</li> <li>8. 8th Army/S&amp;S, Hq USA Sp Ops Spt Cmd.</li> <li>9. CIPBO, USAG Alaska.</li> <li>10. ODCSINT, HHC USAREUR 7th Army (Aug).</li> <li>11. Sys Integ Div, USA SOC.</li> <li>12. ACofS Svc, 3d COSCOM HHC (Aug). Second position also graded SFC.</li> <li>13. Admin/Log Sup Div, DA Review Board Agcy.</li> <li>14. Ofc DCG (Fwd), Fifth Army Hq.</li> <li>15. Admin/Log Ops, USAG Ft Bragg.</li> <li>16. Log Ops Div, USAG Ft Carson.</li> <li>17. Log Ofc, Single Agcy Mgr Pentagon ITS.</li> <li>18. ARTBRASS Br, USAG Ft Lewis.</li> <li>19. MMC Prop, USA FORSCOM Log Spt Unit Sinai.</li> <li>20. Spt Sec, I Corps HHC (Aug).</li> <li>21. Log Sec, III Corps Arty HHB (Aug).</li> <li>22. Log Sec, USA Elm U.S. Mil Tng Mission to Saudi Arabia.</li> <li>23. Log Spt Sec, USA Elm Inter American Def Board.</li> <li>24. Warfighter Ft Monroe, USA Elm Joint Test Acty.</li> <li>25. Hq U.S. Mil Obs Spt Gp, USA Mil Obs Gp Wash. Second position also graded SFC.</li> <li>26. CDSO West/Ft Belvoir, USA Spt Outside DoD Acty.</li> <li>27. Log Ofc, PERSCOM.</li> <li>28. Resource Mgmt 2d Inf Div (Aug).</li> <li>29. Prop Ctrl, 34th Spt Gp (Aug).</li> <li>30. Log Div, USA Mil Entrance Processing Station Hq.</li> <li>31. Log Opns and Resource Strat Ofc, USAJFKSWCS.</li> <li>32. SF OC Tm, USA Spec Opns Tng Det.</li> <li>33. PBO, USA Elm Joint Latin American Spt Cmd.</li> <li>34. Mgmt Div, USA Tng Ctr and Ft Jackson. Second position also graded SFC.</li> <li>35. Log Div/Mgmt Log Br, Region USA ROTC Cadet Cmd.</li> <li>36. Natl Maint Point, USA Armament and Chem Agency and Log Acty.</li> <li>37. LSE Planning Div/Plans &amp; Ops Div, USA Mat Cmd Log Spt.</li> <li>38. Ops Div, USA Info Sys Selection and Agency.</li> <li>39. Ritchie and AV/IEW/ADP/CSS Br, USA Comm-Elm Cmd Hq.</li> <li>40. LSE/LAO Far East, LAO Alaska, and Maj Item Data Mgt Div, AMC Log Spt Acty.</li> <li>41. Dist Exer Sys &amp; Pol Div, AMC Log Spt Acty. Subsequent position graded SFC.</li> <li>42. Stock Cntrl Br, USA Elm Def Pers Supt.</li> </ol>
12 PLATOON SERGEANT	92Y4O	SFC													Principal NCO of Plt Hq Sec.
13 DETACHMENT SER-GEANT	92Y4O	SFC													<ol style="list-style-type: none"> <li>1. Principal NCO in Det with less than 75 soldiers.</li> <li>2. Admin Spt Br, USA Foreign Counterintelligence Acty.</li> </ol>

**Table 10-92Y-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
14	SENIOR SUPPLY SGT	92Y5O	MSG												<ol style="list-style-type: none"> <li>1. S4/Log Br/Mat Br:               <ol style="list-style-type: none"> <li>a. USA SETA.</li> <li>b. USAG Fts Bragg and Hood and Hawaii.</li> <li>c. USA Elm Def WHCA.</li> <li>d. 4th Tng Bde.</li> <li>e. 1st Basic Tng Bde, Ft Jackson.</li> <li>f. USA Avn Ctr and Ft Rucker.</li> <li>g. USA Ord Ctr &amp; Sch.</li> <li>h. USA QMC&amp;S.</li> <li>i. USA Trans Sch.</li> <li>j. USA Armor Sch.</li> <li>k. USA Intel Ctr &amp; Sch.</li> <li>l. USA Ord Msl &amp; Mun Ctr.</li> <li>m. 1st Armor Tng Bde USA Armor Ctr.</li> <li>n. ITB &amp; RTB, USAINFSCH.</li> <li>o. USA FA Sch.</li> <li>p. USA FA Tng Ctr.</li> <li>q. USA Tng Bde.</li> <li>r. USA JRTC Ops Gp.</li> </ol> </li> <li>2. Log Ops Div, USAIC Mgmt Engr Acty.</li> <li>3. DOL USA Trng Ctr &amp; Ft Jackson.</li> <li>4. DOL, USAG Ft Lewis.</li> <li>5. Mat Ofc, 296th CS Bn (Aug).</li> <li>6. FMS Mgmt Br, USA Elm USA Tng Mission (Saudi).</li> <li>7. CDSO, Ft Belvoir, USA Spt Outside DoD Acty.</li> <li>8. Plns &amp; Ops, USAG Alaska.</li> <li>9. Sup Elm, USA Pacific Acty.</li> <li>10. Log Mgmt, Hq &amp; Instl Spt Acty-USA Mil Dist of Wash.</li> <li>11. Per &amp; Admin Div, USA Operational Test Evaluation Agency.</li> <li>12. S1/4 Staff Ops, USAJFKSWCS.</li> <li>13. SOD Ops &amp; Admin and Act/Records, USA Elm Ofc of the Joint Chiefs of Staff.</li> <li>14. Dir of Dist, SUSQ Dist Site, DDD Memphis, and Subsistence Div, USA Elm Def Dist Region.</li> <li>15. Log Dir/J4, USA Elm SOC.</li> <li>16. Readiness Br, 21st Theater Army Area Cmd HHC (Aug).</li> <li>17. Sup/Svc Div, V Corps HHC (Aug).</li> <li>18. ACofS Svc, 3d Corps Spt Cmd HHC (Aug).</li> <li>19. Log Br, 30th Med Bde (Aug).</li> <li>20. Plns &amp; Ops Br and MMC, 100th LG HHC ASG (Aug).</li> <li>21. Log Ofc, Single Agency Manager Pentagon ITS.</li> <li>22. Log Suppl, USASMA.</li> <li>23. Readiness Div, 18th Med Cmd (Aug).</li> <li>24. Prop Ctrl Br, Defense Supply Service Washington.</li> <li>25. RC/TPU Div, USA SOC.</li> <li>26. DOL, USAG Ft Lee.</li> <li>27. Log Ops Div, USA Trans Ctr and Ft Eustis.</li> <li>28. Log Mgmt, Combat Equip Gp Europe Hq.</li> <li>29. Log Mgmt Div/Fld Spt Div, USA Log Eval Agency.</li> <li>30. LAO Europe/Distr Exe Sys &amp; POL/LSE Planning Div/LSE/LAO CONUS, USA Mat Cmd Log Spt.</li> </ol>
15	OPERATIONS SER-GEANT	92Y5O	MSG												<ol style="list-style-type: none"> <li>1. Cdr's Ofc, USA Industrial Ctr Kaiserslautern.</li> <li>2. Dep Cdr Log, NTC &amp; Ft Irwin.</li> <li>3. Exercise &amp; Admin Br, USA Elm U.S. Forces Korea.</li> <li>4. Assoc Dir Ops &amp; Exer, USA Materiel Cmd.</li> <li>5. S2/S3, USAQMC&amp;S.</li> <li>6. USARSO/ARLANT, SOSOC.</li> <li>7. USAREUR S/R &amp; N/R, Hq USA SOC.</li> </ol>
16	FORCE DEV NCO	92Y5OA3	MSG												<ol style="list-style-type: none"> <li>1. ODCSOPS Force Mgmt, 7th Hq HHC USAEUR 7th Army (Aug). Position coded with ASI A3.</li> <li>2. Cbt Spt &amp; Cbt Svc Spt Br, FORSCOM.</li> <li>3. Equip Br, USA Manpower Reqr &amp; Documentation Acty-Korea.</li> </ol>
17	FIRST SERGEANT	92Y5M	1SG												<ol style="list-style-type: none"> <li>1. WHH Stf Spt Unit Hq, USA Elm Defense WHCA.</li> <li>2. Principal NCO of a company with more than 75 soldiers.</li> </ol>

**Notes:**

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-92Z-1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2, 3, 4, 5	<ol style="list-style-type: none"> <li>1. Frequently reviews reports and data.</li> <li>2. Frequently provides verbal guidance and assistance.</li> <li>3. Occasionally conducts visual inspections.</li> <li>4. Occasionally writes to keep records and compile data.</li> <li>5. Must possess finger dexterity in both hands.</li> </ol>

**Table 10-92Z-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	MAT MGMT SUPV	92Z5O	SGM	<ol style="list-style-type: none"> <li>1. DMMO, DISCOM.</li> <li>2. Sup Div, MMC (Split-Ops) COSCOM.</li> <li>3. Mat Mgmt Ctr Ofc, HHC/MMC DISCOM/COSCOM/TAACOM.</li> <li>4. Spt Ops Dir, HHC, ASG.</li> <li>5. MMC, SOSB. Position coded with SQI S.</li> </ol>
2	SR LOG OPS NCO	92Z5O 92Z5O2S	SGM	<ol style="list-style-type: none"> <li>1. Deputy Cdr Spt, Log Plans &amp; Read and Hq Cmd, HHC ASC Cmd.</li> <li>2. S2/S3 Sec, HHC/MMC, DISCOM, Div (Hvy).</li> <li>3. Spt Ops Sec, HHC COSCOM.</li> <li>4. S2/S3 Sec and Spt Ops Sec Spt Corps Spt Gp.</li> <li>5. Plans &amp; Policy Br and Dist Mgt Ctr, HHC Theater Spt Cmd.</li> </ol>
3	SR LOG SVC SUPV	92Z5O 92Z5O2S	SGM	<ol style="list-style-type: none"> <li>1. G4/S4/Log Sec: <ol style="list-style-type: none"> <li>a. HHC Med Cmd</li> <li>b. HHC Theater Sig Bde.</li> <li>c. HHC Army Sig Cmd (Rear).</li> <li>d. HHC MP EPW Cmd</li> <li>e. TASOC.</li> <li>f. HHC ADCOM (TA).</li> </ol> </li> <li>2. CSS Cell/Main, HHC Abn Corps.</li> <li>3. ACofS Svc Sup and Mn, HHC Trans Cmd.</li> <li>4. DCofS Log, HHC Theater Sig Cmd.</li> <li>5. G4/Spt Ops Center, HHC ASC Cmd.</li> <li>6. Svc Sec, HHC COSCOM.</li> <li>7. ACofS Svc Sec and HNS, HHC &amp; Sp Trp, TAACOM</li> <li>8. HNS Log Dir, HHC, ASG.</li> <li>9. Fld Svc Dir, HHC, Theater Spt Cmd.</li> </ol>
4	SR SUPPLY SUPV	92Z5O 92Z5OG1 92Z5O2S	SGM	<ol style="list-style-type: none"> <li>1. G4/S4/Log Sec of: <ol style="list-style-type: none"> <li>a. HHC Engr Bde.(Corps).</li> <li>b. HHC Engr Bde (Theater Army).</li> <li>c. HHC Med Bde.</li> <li>d. HHC CA Cmd. Bde/TA.</li> <li>e. HHC Theater Spt Cmd.</li> <li>f. HHC COSCOM.</li> </ol> </li> <li>2. ACofS Mat Sec, HHC Engr Cmd.</li> <li>3. CSS Cell/Main, HHC Div/Corps.</li> <li>4. CSS Cell/Rear, HHC Div.</li> <li>5. ACofS Mat Sec and Mat Sec, HHC COSCOM.</li> <li>6. ACofS Mat sec, HHC &amp; Sp Trp TAACOM.</li> <li>7. Sup &amp; Maint Dir and Dist Mgt Ctr, HHC Theater Spt Cmd.</li> </ol>

Notes:

1. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
2. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-92Z-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	SENIOR LOGISTICAL NCO	92Z5O 92Z5OG1	SGM	1. Log Spt Div, USA NGB. 2. Cmd Sec, U.S. Army Elm Def Commissary Agency Hq. 3. Log Sys Gp, USA Joint Systems Control Activity. 4. ACofS G4, USASETA. 5. Cmd Sec, 22d ASG (Aug). 6. NTC MMC, NTC and Ft Irwin. 7. Admin Sec and Europe, U.S. Army Elm Army and Air Force Exchange Service. 8. Log Opns, USA Sp Opns Spt Cmd. 9. CEGE, Europe Hq. 10. Ofc of Cdr, USA Depot. 11. Log Mgt Div, USA Log Evaluation Agency. 12. Admin/Log Div, USA Exercise Spt Agency. 13. CSS Bde, I Corps HHC (Aug).

Notes:

- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-93B-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lift 35 pounds and carries 10 feet.
2	1, 2, 3, 4, 5, 6	2. Occasionally carries 35 pounds 50 feet.
3	4, 5, 6	3. Constantly carry 30 pounds 500 feet. 4. Must possess normal color vision. 5. Must possess finger dexterity in both hands. 6. Ability to enunciate clearly.

**Table 10-93B-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	Aeroscout obs	93B1F 93B1FW5	PFC			1	1	1	2	2	2	3	3	1. Grades of additional positions will be in same pattern. 2. Positions in units equipped with OH-58D aircraft will be identified with ASI W5.
2	Aeroscout obs	93B1F 93B1FQ2 93B1FW5	SPC		1	1	2	2	2	3	3	3	3	3. Positions as ALSE maintainer in aeroscout plt will be identified with ASI Q2. 4. Active Component only.
3	Aeroscout obs sec sgt	93B2F 93B2FW5	SGT	1	1	1	1	1	1	1	2	2	3	
4	Aeroscout obs sec sgt	93B3F 93B3FW5	SSG					1	1	1	1	1	1	
5	Aeroscout obs sgt	93B2F 93B2FQ2	SGT	1	2	3	4	4	5	6	6	7	8	1. Positions as ALSE Maintainer in the Aeroscout Plt will be identified with ASI Q2. 2. Reserve Component only.
6	Aeroscout obs sec sgt	93B3F	SSG			1	1	1	2	2	2			

**Table 10-93B-2**  
Standards of grade TOE/MTOE—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
7	Aeroscout obs stand NCO	93B3F 93B3FW5	SSG													1. Aeroscout observer standardization NCO in Hq Plt, Co/Trp (H edition). 2. As aeroscout observer standardization NCO in HHC/HHT, Bn/Sqd (other than Hedition). 3. Positions in units equipped with OH-58D aircraft will be identified with ASI W5. 4. Serves as Cdr's aeroscout observer in above organizations.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-93B-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	Aeroscout obs	93B1F 93B1FW5	PFC			1	1	1	2	2	2	3	3			1. Grades of additional positions will be in same pattern. 2. Positions in units equipped with OH-58D aircraft will be identified with ASI W5. 3. Positions as ALSE maintainer in aeroscout plt will be identified with ASI Q2. 4. Active Component only.
2	Aeroscout obs	93B1F 93B1FQ2 93B1FW5	SPC		1	1	2	2	2	3	3	3	3			
3	Aeroscout obs sec sgt	93B2F 93B2FW5	SGT		1	1	1	1	1	1	1	2	2	3		
4	Aeroscout obs sec sgt	93B3F 93B3FW5	SSG					1	1	1	1	1	1			
5	Aeroscout obs sgt	93B2F 93B2FQ2	SGT		1	2	3	4	4	5	6	6	7	8		1. Positions as ALSE Maintainer in the Aeroscout Plt will be identified with ASI Q2. 2. Reserve Component only.
6	Aeroscout obs sec sgt	93B3F	SSG					1	1	1	2	2	2			
7	Aeroscout obs stand NCO	93B3F 93B3FW5	SSG													1. Aeroscout observer standardization NCO in Hq Plt, Co/Trp. 2. Aeroscout observer standardization NCO in HHC/HHT, Bn/Sqd. 3. Positions in units equipped with OH-58D aircraft will be identified with ASI W5. 4. Serves as Cdr's aeroscout observer in above organizations.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-93C-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8	1. Occasionally lifts, lowers, pushes and carries 465 pounds for a distance of 4 feet as part of a soldier team prorated at 116.2 pounds per soldier. 8. Must possess finger dexterity.
2	1, 2, 3, 4, 5, 6, 7, 8	
3	3, 4, 5, 6, 7, 8	
4	4, 5, 6, 7, 8	

**Table 10-93C-2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	ATC TOWER OPERATOR	93C10 93C1OF7	PFC		1	1	2	2	3	3	3	4	4		1. Grades of additional positions will be in same pattern. 2. ATC Tower Teams and Tactical Air Control Teams (TACT). 3. Positions in TACT will be further identified with ASI F7. 4. Grading pattern will be used for all positions not specifically identified in any other line.
2	ATC TOWER OPERATOR	93C10 93C1OF7	SPC		1	1	2	2	3	3	4	4	4	5	
3	SR ATC TOWER OPERATOR	93C20 93C2OF7	SGT										1	1	1
4	ATC GCA OPERATOR	93C10	PFC		1	1	2	2	3	3	3	4	4	4	1. Grades of additional positions will be in same pattern. 2. GCA Teams and Flight Following Teams.
5	ATC GCA OPERATOR	93C10	SPC		1	1	2	2	3	3	4	4	4	5	
6	SR GCA OPERATOR	93C20	SGT										1	1	1
7	TACTICAL TM LDR	93C2OF7	SGT												One per TACT.
8	SHIFT LEADER	93C20	SGT												One per shift when the ATC facility is supervised by a SSG, Facility chief.
9	SHIFT LEADER	93C30	SSG												One per shift when the ATC facility is supervised by a SFC.
10	FACILITY CHIEF	93C3OQ8	SSG												ATC facilities authorized nine or less operators engaged in ATC activities that is not designated a remote site.
11	ATC STAFF NCO	93C3OQ8	SSG												S3, ATS Bn/Bde/Grp.
12	FACILITY CHIEF	93C4OQ8	SFC												1. ATC facility authorized 10 to 23 operators engaged in ATC activities that does not have a combination of Tower/GCA operators. 2. ATC facility authorized nine or less operators engaged in ATC activities that is designated a remote site.
13	PLATOON SERGEANT	93C40	SFC												Principal NCO of a ATC platoon.
14	DETACHMENT SERGEANT	93C40	SFC												Principal NCO of a ATC detachment.
15	ATC EVAL/TNG SGT	93C4OQ8	SFC												S3 Sec, ATS Bn/Bde/Grp.
16	ATC LIAISON SGT	93C4OQ8	SFC												A2/C2 Elm, ATS Co/Bn/Bde/Grp.
17	ATC SR SGT	93C40	SFC												1. ATC facilities authorized 24 or more operators engaged in ATC activities. 2. ATC facilities having a combination Fixed/GSA operation.

Notes:

- \*Blank spaces in this column indicates not applicable.
- Facility as defined in TC 95-93 is an air traffic control (ATC) facility which includes personnel, equipment and structure that provides air traffic control service such as control tower, approach control (radar or non-radar), ground controlled approach (GCA), Army flight following service (AFFS), flight operation center (FOC), or flight coordination center (FCC).
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-93C-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	ATC TOWER OPERATOR	93C10	PFC		1	1	2	2	3	3	4	4	4	4	1. Grades of additional positions will be in same pattern. 2. ATC Tower Teams.
2	ATC TOWER OPERATOR	93C10	SPC		1	1	2	2	3	3	4	4	4	5	3. Grading pattern will be used for all positions not specifically identified in any other line.
3	SR ATC TOWER OPERATOR	93C20	SGT											1	1

**Table 10-93C-3**  
Standards of grade TDA—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
4	ATC GCA OPERATOR	93C1O	PFC	1	1	2	2	3	3	4	4	4	1. Grades of additional positions will be in same pattern. 2. GCA Teams and Flight Following Teams.	
5	ATC GCA OPERATOR	93C1O	SPC	1	1	2	2	3	3	4	4	4	5	
6	SR GCA OPERATOR	93C2O	SGT									1	1	
7	CONSOLE OPERATOR	93C1OF8	PFC		1	1	2	2	2	2			1. Grades of additional positions will be in same pattern. 2. Units having flight simulators (UH-1FS).	
8	CONSOLE OPERATOR	93C1OF8	SPC		1	1	2	2	2	2	3			
9	CONSOLE OPERATOR	93C2OF8	SGT	1	1	1	1	1	1	2	2			
10	CONSOLE OPERATOR	93C3OF8	SSG					1	1	1				
11	SHIFT LEADER	93C2O	SGT										1. One per shift when the ATC facility is supervised by a SSG, Facility Chief. 2. Third or a non-peak shift when the ATC facility is supervised by a SFC.	
12	SHIFT LEADER	93C3O	SSG										1. One per shift for first and seconded or any two peak shifts when the ATC facility is supervised by a SFC. 2. Third or a non-peak shift graded per line 11.	
13	FACILITY CHIEF	93C3O	SSG										ATC facilities authorized nine or less operators engaged in ATC activities that is not designated a remote site.	
14	ATC TRAINING SER-GEANT	93C4O	SFC										ATC facilities.	
15	FACILITY CHIEF	93C4O	SFC										ATC facilities authorized 10 to 23 operators engaged in ATC activities that is not a combination fixed base Tower/GCA operation. 2. ATC facilities with nine or less ATC operators that has been designated a remote site.	
16	ATC EVAL SERGEANT	93C4O	SFC										USAATCA.	
17	ATC LIAISON SGT	93C4O	SFC										Spec Trps Liaison Sec, EUSA.	
18	ATC STAFF NCO	93C4O	SFC										USA Aeronautical Svc Agcy ATC regions/DARRs.	
19	ATC SR SGT	93C4O	SFC										1. ATC facilities authorized 24 or more operators engaged in ATC activities. 2. ATC facilities having a combination Fixed/GSA operation. 3. USA Res Spt Grp, Avn Reg East.	

Notes:

- \*Blank spaces in this column indicates not applicable.
- Facility as defined in TC 95-93 is an air traffic control (ATC) facility which includes personnel, equipment and structure that provides air traffic control service such as control tower, approach control (radar or non-radar), ground controlled approach (GCA), Army flight following service (AFFS), flight operation center (FOC), or flight coordination center (FCC).
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-93F-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts 275 lbs 30 inches and carries up 30 meters as part of a 2 soldier team (prorated at 137.5 pounds per soldier).
2	1, 2, 3, 4	2. Occasionally pulls up to 83 lbs 36 inches.
3	1, 2, 3, 4	3. Must possess normal color vision.
4	2, 3	4. Must possess finger dexterity in both hands.

**Table 10-93F-2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	FA METRO CREW-MEMBER	93F1O	PFC		1	1	1	1								Met Sec Hvy Div LID, Abn, AASLT, FA Bde and Sep FA Bn equipped with MMS.
2	METRO EQUIP REPAIRER	93F1OH1	SPC		1	1	1	1	1							
3	FA METRO CREW-MEMBER	93F1O	SPC					1	1							
4	METRO EQUIP REPAIRER	93F2OH1	SGT			1	1	1								
5	FA METRO SECTION CH	93F3O	SSG						1							
6	FA METRO CREW-MEMBER	93F1O	PFC		1	1	1	1	2	2	2	3				1. Rawin Set, line 7, Metro equip repairer will be graded as line 8, FA metro crewmember.
7	METRO EQUIP REPAIRER	93F1OH1	SPC		1	1	1	1	1	1	1	1	1			2. Grading pattern will be used for all positions not specifically identified in any other lines.
8	FA METRO CREW-MEMBER	93F1O	SPC					1	1	1	1	2	2			
9	METRO EQUIP REPAIRER	93F2OH1	SGT			1	1	1	1	1	1	1				
10	FA METRO CREW-MEMBER	93F2O	SGT							1	1	1				
11	FA METRO CREW-MEMBER	93F3O	SSG					1	1	1	1	1				
12	METRO EQUIP REPAIRER	93F2OH1	SGT													
13	METRO STATION LEADER	93F4O	SFC													1. Met sec of Hvy Div Light, Abn Aaslt Divs, FA Bde and Sep FA Bn equipped with MMS. 2. Met Sec of Div Arty, FA Bde and Sep FA Bn equipped with MDS and Rawin sets. in the aggregate. TOE Combat Developers will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-93F-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	FA METRO CREW-MEMBER	93F1O	PFC					1	1							Met sections.
2	METRO EQUIP REPAIRER	93F1OH1	SPC		1	1	1	1	1							
3	FA METRO CREW-MEMBER	93F1O	SPC					1	1	1						
4	METRO EQUIP REPAIRER	93F2OH1	SGT			1	1	1	1							
5	FA METRO CREW-MEMBER	93F3O	SSG							1						

**Table 10-93F-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
6 METRO STATION LDR	93F4O	SFC													Met Div, USAFAS.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-93P-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts/lowers 30 pounds up and down 4 feet and carries 10 feet.
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts/lowers 30 pounds up and down 4 feet and carries 3 feet.
3	1, 2, 3, 4, 5, 6	3. Occasionally push/pull 30 pounds 2 feet.
4	3, 4, 5, 6	4. Occasionally sits for a duration of 6 hours.
5	4, 5, 6	5. Must possess finger dexterity in both hands. 6. Must possess the capability to enunciate clearly.

**Table 10-93P-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
1 AVIATION OPS SP	93P1O	PFC		1	1	1	1	2	2	2	3	3		1. Grades of additional positions will be in same pattern.
2 AVIATION OPS SP	93P1O 93P1OQ2	SPC		1	1	1	2	2	2	3	3	3	4	2. Positions in Special Ops Avn (SOA) will be graded per lines 5-8. 3. ASI Q2 will be used to identify ALSE maintainers.
3 AVIATION OPS SGT	93P2O	SGT			1	1	2	2	2	2	2	2		4. Grading pattern will be used for all positions not specifically identified in any other line.
4 AVIATION OPS SGT	93P3O	SSG								1	1	1		
5 AVIATION OPS SP	93P1O	PFC			1	1	1	1	2	2	2	2		1. Grades of additional positions will be in same pattern.
6 AVIATION OPS SP	93P1O	SPC		1	1	1	1	2	2	2	2	3	3	2. Special Ops Avn (SOA). Use with SQI S.
7 AVIATION OPS SGT	93P2O	SGT		1	1	2	2	3	3	3	3	3		
8 AVIATION OPS SGT	93P3O	SSG								1	1	2		
9 AVIATION OPS SGT	93P2O	SGT												1. Unit where only one MOS 93P position exists. 2. As the fourth position in S3 Sec, SOA Rgt. Use with SQI S.
10 AVIATION OPS SGT	93P3O	SSG												1. Aviation Detachment Operations Sergeant. 2. Transportation Section, Corps Spt Cmd. 3. Flt Ops Sec, FA Command Pershing. 4. Flt Ops Sec, Medical Detachment/Company (Helicopter Ambulance). 5. Ops Plt Hq, Medical Air Ambulance Co. Only one 93P SSG position authorized per company. 6. Flt Ops Sec, MI Bn. 7. Flt Ops Sec, Aerial Exploitation Co. 8. Flt Ops Sec, Spt Helicopter Co. 9. Airspace management Element at Brigade/Division/Corps. 10. Third position in S3 Sec, SOA Medium Hel Bn. Use with SQI S. 11. Spt Ops Sec, HHD, Corps Spt Medical Bn. 12. ADA/Airspace/Ops Div, Battlefield Coord Elm. Hq, Division. 13. Avn Sec, RC Spt Gp/Tm.

**Table 10-93P-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
11	ASST AVIATION OPS SGT	93P3O 93P3OQ8	SSG												1. S3, Avn/Air Traffic Services (ATS) Bn/Sqdn. 2. S3, Avn Bde/Gp/Rgt. Use with ASI A8. 3. G3, Corps and Numbered Army. 4. Third position in S3 Sec, SOA Rgt. Use with SQI S and ASI Q8. 5. Third position in S3 Sec, SOA Aslt Hel Bn. Use with SQI S and ASI Q8. 6. Flt Ops Sec, SOA Aslt Co (Lt), SOA Atk Co (Lt) and SOA Aslt Co (MH-60). Use with SQI S and ASI Q8. 7. Positions in S3 Sec, Atk Bn and Air Cav Sqdn will be coded with ASI Q8.
12	ASST AVIATION OPS SGT	93P4O 93P4OQ8	SFC												1. Second position in S3 Sec, SOA Medium Hel Bn and SOA Aslt Hel Bn. Use with SQI S and ASI Q8. 2. S3, HHD, MI Grp (JASTARS). 3. Avn Sec, Army Services Comp Cmd.
13	AVIATION OPS SGT	93P4O 93P4OQ8	SFC												1. Flt Ops Sec of: a. Separate Avn Co with no parent Bn Hq. b. SOA Aslt Co (Lt), SOA Atk Co (Lt), SOA Aslt Co (MH-60) and SOA Avn Det. Use with SQI S and ASI Q8. c. Medium Hel Co. 2. Staff Aviation Section of Counter-Intelligence Group. 3. S3, Division Cavalry Sqdn. Use with ASI Q8. 4. Trans Br, HHC, COSCOM. 5. MUR Bde Liaison Tms, Div Avn Bde. 6. G3, Army Medical Cmd. 7. S2/S3, Medical Bde. 8. S2/S3, Medical Bn (Air Evac). 9. S3, MI Bn/Bde.
14	PLATOON SERGEANT	93P4O	SFC												Principal NCO in a platoon.
15	DETACHMENT SERGEANT	93P4O	SFC												Principal NCO in a detachment.
16	AVIATION OPS SGT	93P5O 93P5OQ8	MSG												1. Aviation Division of Numbered CONUS Army. 2. S3, Avn/ATC/ATS Bn/Sqdn. Use with ASI Q8. 3. Second position in S3 Sec, SOA Rgt. Use with SQI S and ASI Q8.
17	ATC chief	93P5O	MSG												1. ATC facilities authorized 24 or more operators engaged in ATC activities. 2. ATC facilities that have a combination of tower/GCA operators.
18	FIRST SERGEANT	93P5M	1SG												Principal NCO in a company.
19	ATC OPS NCO	93P5OQ8	SGM												Principal NCO in the S3 Sec of an ATC/ATS Bde/Gp.
20	AVIATION OPS NCO	93P5O 93P5OQ8	SGM												Principal NCO in: a. Avn Sec, Corps, Army or comparable Hq. b. S3 Sec, Avn Bde/Gp/Rgt. Use with ASI Q8. c. S3 Sec, SOA Rgt. Use with SQI S and ASI Q8. d. Army Service Comp Cmd.

Notes:

<sup>1</sup> \*Blank spaces in this column indicates not applicable.

<sup>2</sup> Facility as defined in TC 95-93 in an air traffic control (ATC) facility which includes personnel, equipment and structure that provides air traffic control service such as control tower, approach control (radar or non-radar), ground controlled approach (GCA), Army flight following service (AFFS), flight operation center (FOC), or flight coordination center (FCC).

<sup>3</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>4</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-93P-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	AVIATION OPS SP	93P1O	PFC		1	1	1	1	2	2	2	3	3	1. Grades of additional positions will be in same pattern. 2. ASI Q2 will be used to identify ALSE maintainers. 3. Grading pattern will be used for all positions not specifically identified in any other line.
2	AVIATION OPS SP	93P1O 93P1OQ2	SPC		1	1	1	2	2	2	3	3	4	
3	AVIATION OPS SGT	93P2O	SGT			1	1	2	2	2	2	2	2	
4	AVIATION OPS SGT	93P3O	SSG									1	1	1
5	AVIATION OPS SGT	93P2O	SGT											1. Unit where only one MOS 93P position exists. 2. U.S. Army Priority Air Transport (PAT) Det, Andrews AFB. One subsequent position also graded SGT.
6	AVIATION OPS SGT	93P3O	SSG											1. Flight Stdzn/Simulator Branch. 2. Recon Div J3, OJCS. 3. Reserve Component Spt Tm/Gp. 4. USAR Full Time Supt. 5. ARMS Survey Br, Hq, FORSCOM. 6. U.S. Army PAT Det, Andrews AFB.
7	AFLD OPS SGT	93P3O	SSG											Airfields with less than a Combat Avn Brigade.
8	ASST AVIATION OPS SGT	93P3OQ8	SSG											1. S3, TDA Avn Bn or comparable Hq. 2. S3, TDA Avn Bde/Grp or comparable Hq. 3. USA Cbt Maneuver Tng Ctr.
9	SAFETY NCO	93P3O A2	SSG											Hq, Avn Tng Bn, USAAVNC.
10	ASST AVIATION OPS SGT	93P4OQ8	SFC											G3 Sec, CONUS Army Integrating Center or comparable Hq.
11	SAFETY NCO	93P4O A2	SFC											Hq, Avn Tng Bde, USAAVNC.
12	AVIATION OPS SGT	93P4O 93P4OQ8	SFC											1. Flight Ops Sec of separate Avn Co with no parent Bn Hq. Use with ASI Q8. 2. USA PAT Det, Andrews AFB. 3. USA Cbt Maneuver Tng Ctr.
13	PLATOON SERGEANT	93P4O	SFC											Principal NCO in a platoon.
14	DETACHMENT SERGEANT	93P4O	SFC											Principal NCO in an aviation detachment.
15	AFLD OPS SGT	93P4O	SFC											Organizations operating Army airfields with a minimum of one aviation brigade stationed thereon.
16	AVIATION OPS SGT	93P5O 93P5OQ8	MSG											1. Principal NCO in S3 Sec, TDA Avn Bn or comparable Hq. Use with ASI Q8. 2. Avn Div, Hq, Major Army Cmd (MACOM). 3. Arms Survey Br, Hq, FORSCOM.
17	AFLD OPS SGT	93P5O	MSG											Organizations operating Army airfields with a minimum of two aviation brigades stationed thereon.
18	ATC SENIOR SGT	93P5O	MSG											1. USAATCA: a. Ops & Proc Div. b. Sys Eval Div. 2. S2/S3 Sec, Tng Bn, USAAVNC.
19	FIRST SERGEANT	93P5M	1SG											1. Principal NCO in a company. 2. Principal NCO in the Avn Det, Avn Tng Bde, USAAVNC.
20	AVIATION OPS NCO	93P5O 93P5OQ8	SGM											1. TDA or Augmentation TDA position in the Avn Sec of a Corps, CONUS Army or comparable Hq. 2. Principal NCO in the S3, TDA Avn Bde/Gp/Rgt or comparable Hq. Use with ASI Q8. 3. Principal NCO in Air Ops Tng Committee, USAAVNC.
21	SR BN SGT	93P5O	SGM											Principal NCO in the USAAVNC Avn Tng Bn: a. Hanchey AAF. b. Cairns AAF. c. Lowe AAF.

Notes:

<sup>1</sup> \*Blank spaces in this column indicates not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10–95B–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Lifts a maximum of 80 pounds with frequent lifting of 40 pounds.
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts and carries 70 pounds.
3	1, 2, 3, 4, 5, 6	3. Frequently stands for extended periods of time.
4	1, 2, 3, 4, 5, 6	4. Frequently speaks and listens using radio equipment.
5	5, 6	5. Frequently writes reports and compiles data. 6. Must possess red/green color discrimination.

**Table 10–95B–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<b>Combat/combat support squad</b>														
1	MILITARY POLICE	95B1O 95B1OV5	PFC		1	2	2	2	2	2	3	3	1. MP Platoon in division, combat support, physical security or heavy security companies, separate brigades or like elements. Positions coded with appropriate ASI, as required.	
2	MILITARY POLICE	95B1O 95B1OV5 95B1OQ9	SPC	1	1	1	1	1	2	2	3	3	2. Ops Ctr, MP Co. Positions coded with appropriate ASI, as required. 3. EPW/CI Processing Squad.	
3	TEAM LEADER	95B2O 95B2OH3 95B2OV5 95B2OQ9	SGT	1	1	1	1	1	2	2	2	3	4. SCIF Security, MI Co, ACR. 5. Phys Scty/Security sec in MI Phys Scty Tm/Co/Bn/Bde (Sig Intel/Aviation/Mil Intel). 6. MP Escort Guard Co.	
4	SQUAD LEADER	95B3O 95B3OH3 95B3OV5	SSG			1	1	1	1	1	1	1		
<b>Guard squad</b>														
5	MILITARY POLICE	95B1O	PFC		1	2	2	2	3	3	4	4	MP Platoon in a MP Guard Co.	
6	MILITARY POLICE	95B1O	SPC	1	1	1	2	2	2	3	3	3		
7	TEAM LEADER	95B2O	SGT				1	1	1	1	1	2		
8	SQUAD LEADER	95B3O	SSG								1	1		
<b>PWIC</b>														
9	MILITARY POLICE	95B1O	PFC		1	1	2	2	2	2	3	3	EPW/Rec/ADP Section of prisoner of war information center (PWIC).	
10	MILITARY POLICE	95B1O	SPC		1	1	2	2	2	2	3	3		
11	MILITARY POLICE	95B2O	SGT	1	1	1	1	1	2	2	2	2		
12	MILITARY POLICE	95B3O	SSG							1	1	1		
<b>Work projects section</b>														
13	EPW/CI PROJECT SP	95B1O	SPC		1	1	2	2	3	3	4	5	Works Projects Section, MP Bn/ Det; EPW/CI Br Camp Team.	
14	EPW/CI PROJECT SUPV	95B2O	SGT	1	1	1	2	2	3	3	4	4		
15	EPW/CI PROJECT SUPV	95B3O	SSG	1	1	1	1	1	1	1	1	1		
<b>EPW or IR company control team</b>														

**Table 10-95B-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
16	EPW/CI COMPOUND GUARD	95B1O	PFC		1	1	1	1								1. EPW or IR Co Control Teams, MP Bn. 2. Teams consist of six members.
17	EPW/CI COMPOUND GUARD	95B1O	SPC		1	1	1	2	2							
18	EPW/CI COMPOUND GUARD	95B2O	SGT		1	1	1	1	1	1						
19	EPW/CI ASST COMP NCO	95B3O	SSG								1					
20	EPW/CI COMPOUND NCO	95B4O	SFC			1	1	1								
<b>Traffic accident investigation</b>																
21	TFC ACDT INV	95B1OQ9	SPC		1	2	2	3	3	4	5	5	6			1. Senior position in element will be considered and titled Team leader or Squad leader, as appropriate.
22	TFC ACDT INV	95B2OQ9	SGT		1	1	1	2	2	2	2	2	3	3		2. Single position in Law and Order (L&O) Operations Team will be graded SSG.
23	TFC ACDT INV	95B3OQ9	SSG						1	1	1	1	1			
24	ACDT INV NCO	95B4OQ9	SFC													Supervision of 10 or more accident investigators.
<b>Military police investigation</b>																
25	MP INVESTIGATOR	95B1OV5	SPC		1	1	2	2	3	3	4	4	5			Senior position in element will be considered Team leader or Squad leader, as appropriate.
26	MP INVESTIGATOR	95B2OV5	SGT		1	1	1	1	2	2	3	3	3	3		
27	MP INVESTIGATOR	95B3OV5	SSG			1	1	1	1	1	1	2	2			
28	EVIDENCE CUST	95B3OV5	SSG													1. MP Operations Team. 2. Position will be identified with ASI V5.
29	MP INV NCO	95B4OV5	SFC													1. MP Operations Team. 2. S3, MP Bde. 3. Supervision of 10 or more MPIs. 4. Position will be identified with ASI V5.
<b>Customs</b>																
30	CUSTOMS INSPECTOR	95B1O	PFC			1	1	2	2	2	3	3	4			Senior position will be considered team leader.
31	CUSTOMS INSPECTOR	95B1O	SPC			1	1	2	2	2	2	2	3	3		
32	CUSTOMS INSPECTOR	95B2O	SGT			1	1	1	1	1	2	2	2	2		
33	CUSTOMS INSPECTOR	95B3O	SSG									1	1	1	1	
34	CUSTOMS INSPECTOR	95B1O	SPC			1	1	2								Senior Military Customs Inspector Team.
35	CUSTOMS INSPECTOR	95B2O	SGT			1	1	1	1							
36	CUSTOMS INSPECTOR	95B3O	SSG			1	1	1	1	1						
37	CUSTOMS INSPECTOR	95B4O	SFC					1	1							
<b>Canine section</b>																
38	PAT DOG HAND MWD HAND	95B1OZ6	SPC		1	1	2	2	3	4	4	5	6	6		Position will be identified with ASI Z6.
39	PAT DOG HAND MWD HAND	95B2OZ6	SGT			1	1	2	2	2	3	3	3	4		
40	DET DOG HAND (NARC)	95B2OZ6	SGT													Military working dog element authorized narcotic detector dog handlers.
41	DET DOG HAND (EXPL)	95B2OZ6	SGT													Military working dog element authorized explosive detector dog handlers.

**Table 10-95B-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
42	KENNEL MASTER	95B3OZ6	SSG												Military working dog element for supervision of 4 to 9 dog handlers and operation of kennel. Positions will be identified with ASI Z6.
43	KENNEL MASTER	95B4OZ6	SFC												1. Military working dog element for supervision of 10 or more dog handlers and operation of kennel. 2. Kennel Master team. 3. Positions will be identified with ASI Z6.
44	MILITARY POLICE	95B2O	SGT	1											MP Force Protection Team.
45	MILITARY POLICE	95B3O	SSG	1	1										
46	DVR/RADIO OP	95B1O	PFC												1. Hq element of PMO, Bn, Company, Platoon or comparable units. 2. Command section, CID detachment.
47	RADIO OPERATOR	95B1O	PFC												
48	MP CLERK	95B1O	PFC												Clerical positions for military police functions.
49	DESK SERGEANT	95B3O	SSG												
50	CRIME PVNT NCO	95B3OV5	SSG												Positions will be identified with ASI V5.
51	PHYS SEC INSP	95B3OH3	SSG												
52	PLANS NCO	95B3O	SSG												1. MP Detachment. 2. S3, IR Bn.
53	BATTLEFLD CIR CON NCO	95B3O	SSG												1. Ops Ctr MP Co. Second Position also graded SSG. 2. Highway Traffic Div, Trans Mov Con Ctr/Agency.
54	EPW/CI NCO	95B3O	SSG												Theater alternate EPW aerial/seaport of debarkation/embarkation (APOD/SPOD) (APOE/SPOE).
55	ASST PLANS NCO	95B3O	SSG												Plans Section, Corps RAOC.
56	PLANS NCO	95B4O	SFC												1. G3/S3, MP EPW Cmd/Bde. 2. LR Planning Sec, MP Bde or HHC, ASCC. Second position also graded SFC. 3. Plans Section, Corps RAOC. 4. MP Det, EPW Evac.
57	EPW/CI NCO	95B4O	SFC												1. S3, MP Bde. 2. G3, MP EPW Cmd. Second position also graded SFC. 3. Theater primary EPW aerial/seaport of debarkation/embarkation (APOD/SPOD) (APOE/SPOE). 4. S2/S3, EPW CI Command/Control Det. 5. EPW/CI Branch, HHC, ASCC.
58	CIRCULATION CON NCO	95B4O	SFC												1. S3 Section, MP Bde or Bn. 2. Highway Traffic Sec/Div, Mov Con Ctr/Bn/Agency. 3. Operations section/ division/directorate/branch of HHC/HHD Brigade/Command/EAC PMO. 4. BCC Branch, HHC ASCC.
59	PLATOON SERGEANT	95B4O	SFC												Principal NCO in a Platoon.
60	DETACHMENT SGT	95B4O	SFC												Principal NCO in a Detachment.
61	PHYSICAL SECURITY NCO	95B4OH3	SFC												1. ACofS Surety, Scty & Intel, Ord Bde, Ammo. Second position also graded SFC. 2. ACofS, G2 Sec, COSCOM. 3. Phys Scty Sec in HHC of Ops Bn EAC. 4. Operations/S3 section/ division/directorate/branch of HHC/HHD Battalion/Brigade/ Command/Group/EAC PMO. 5. Rear Security Branch, HHC ASCC.
62	LIAISON NCO	95B4O	SFC												1. On basis of two per MP brigade S5 for liaison with host national authorities. 2. BASE Defense/ADC Section, Corps RAOC. 3. EPW/CI Command/Control Det and Bde Liaison Team. 4. Operations section/ division/directorate/branch HHC/HHD Brigade/Command/EAC PMO. 5. S2/S3 Sec of Combat Support Hospital.
63	VULN ASSESSMENT NCO	95B4OH3	SFC												S2, MP Bn or Bde. Second position also grade SFC.

**Table 10-95B-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
64	FORCE PROTECTION SUPV	95B4O	SFC													MP Operations Team.
65	REAR OPS NCO	95B4O 95B4OH3	SFC													1. Ops Ctr, MP Co. Positions identified with ASI H3. 2. Rear Ops Ctr, TAACOM/ASG. 3. S2/S3 of MP Det (Cmd & Control).
66	REAR OPS PLANS NCO	95B4O	SFC													1. S3, MP Bn or Bde. 2. Rear Ops Branch, HHC, ASCC.
67	LAW & ORDER NCO	95B4O 95B4OV5	SFC													1. S3, MP Bde. 2. S3, MP Bn. Positions identified with ASI V5. 3. L&O Opns Branch, HHC, ASCC. 4. Civil Assistance Tm, CA Det.
68	OPERATIONS NCO	95B4O	SFC													1. Operation section of military police company, section or detachment authorized 124 or less enlisted law enforcement personnel. 2. MP Det, EPW/CI Command & Control Tm, Branch Camp, or Proc LSN Team,. 3. PMO or Operations/physical security section/division/directorate/branch of HHC/HHD Bn/Bde/Support Group/EAC or ASCC. 4. Mob/Surv/G3/Main, HHC Inf Div. 5. Pers Section, HHC COSCOM.
69	FIRST SERGEANT	95B5M	1SG													MP company or physical security company or comparable units.
70	INTEL NCO	95B5O	MSG													S2 section, MP Bn and Bde.
71	SECURITY NCO	95B5O	MSG													1. Operations section, air defense bde or group with two or more assigned or attached security platoons. 2. ACofS Scty Plans Op, HHC, Trans Command.
72	OPERATIONS NCO	95B5O	MSG													1. EPW Evacuation Section. 2. ACofS, Scty & Intel, Ord Bde, Ammo. 3. EPW/CI Brigade Liaison Det. 4. PMO/Operations Section, MP Company, command and control team, L&O operations team or comparable element authorized 125 or more enlisted law enforcement personnel. Second position also graded MSG 5. ACofS Trans Ops, HHC, Trans Command. 6. PM/Operations Section HHD/HHC of a Support BN/GRP, EAC. 7. Mob/Surv Elem/TAC1&2, HHC INF Div. 8. Customs Opns Br, HHC ASCC.
73	SR CIRCULATION CON NCO	95B5O	MSG													Principal NCO in Traffic Control Section, Acofs Movements, TRANSCOM.
74	CHIEF ADVISOR	95B5O	MSG													MP Detachment (EPW/CI Br Camp Lsn). Second position also graded MSG.
75	SR MIL CUST INSP SUPV	95B5O	MSG													L&O Customs Supervisor Team.
76	OPERATIONS NCO	95B5O	SGM													1. EPW/CI Command/Control Det. 2. Operations section of PMO with authorized strength of 200 or more enlisted law enforcement personnel. 3. PM/Operations/S-3 section of MP Bn/Bde, EPW Command/Bde, MP group, COSCOM, division, corps or higher level command.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-95B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	MILITARY POLICE	95B1O	PFC		1	2	2	2	3	3	4	4	4		Military police unit with a post, or station law and order mission (SGT position will be designated Squad leader if no SSG position authorized or Assistant squad leader if SSG position authorized).
2	MILITARY POLICE	95B1O	SPC	1	1	1	2	2	2	3	3	3	3		
3	MILITARY POLICE	95B2O	SGT					1	1	1	1	1	2		
4	SQUAD LEADER	95B3O	SSG										1	1	
<b>Liaison section</b>															
5	MILITARY POLICE	95B1O	PFC			1	1	2	2	2	2	3	3		Positions graded and titled per this SG will include warrant clerks, warrant NCO, police and court clerks, liaison NCO and all other positions found in AWOL apprehension/liaison sections.
6	MILITARY POLICE	95B1O	SPC	1	1	2	2	2	2	3	3	4			
7	MILITARY POLICE	95B2O	SGT	1	1	1	1	1	2	2	2	2	2		
8	MILITARY POLICE	95B3O	SSG							1	1	1	1		
<b>Fish &amp; game control/PWIC</b>															
9	MILITARY POLICE	95B1O	PFC			1	1	1	1	2	2	2	3		Positions graded and titled in accordance with this SG will include game wardens, range patrol personnel and all other positions found in fish and game law enforcement control elements. (Senior position in element will be considered and titled Team leader or Squad leader, as appropriate.)
10	MILITARY POLICE	95B1O	SPC		1	1	1	2	2	2	3	3	3		
11	MILITARY POLICE	95B2O	SGT	1	1	1	2	2	2	2	2	3	3		
12	MILITARY POLICE	95B3O	SSG							1	1	1	1		
<b>Traffic accident investigation</b>															
13	TFC ACDT INV	95B1OQ9	SPC		1	2	2	3	3	4	5	5	6		Senior position in element will be considered and titled Team leader or Squad leader, as appropriate.
14	TFC ACDT INV	95B2OQ9	SGT	1	1	1	2	2	2	2	2	3	3		
15	TFC ACDT INV	95B3OQ9	SSG						1	1	1	1	1		
16	ACDT INV NCO	95B4OQ9	SFC												Supervision of 10 or more accident investigators.
<b>Military police investigation</b>															
17	MP INVESTIGATOR	95B1OV5	SPC		1	1	2	2	3	3	4	4	5		Senior position in element will be considered Team leader or Squad leader, as appropriate.
18	MP INVESTIGATOR	95B2OV5	SGT	1	1	1	1	2	2	3	3	3	3		
19	MP INVESTIGATOR	95B3OV5	SSG			1	1	1	1	1	1	2	2		
20	MP INV NCO	95B4OV5	SFC												Supervision of 10 or more military police investigators.
21	EVIDENCE CUST	95B3OV5	SSG												
<b>Customs</b>															
22	CUSTOMS INSP	95B1O	PFC			1	1	2	2	2	3	3	4		Senior position will be considered Team leader.
23	CUSTOMS INSP	95B1O	SPC			1	1	2	2	2	2	3	3		
24	CUSTOMS INSP	95B2O	SGT	1	1	1	1	1	2	2	2	2	2		
25	CUSTOMS INSP	95B3O	SSG							1	1	1	1		
<b>Canine section</b>															
26	MWD HANDLER	95B1OZ6	SPC	1	1	2	2	3	4	4	5	6	6		
27	MWD HANDLER	95B2OZ6	SGT	1	1	2	2	2	3	3	3	4			
28	DVR/RADIO OP	95B1O	PFC												Hq elements of PMO, Bn, Company, Platoon or comparable units.
29	RADIO OPERATOR	95B1O	PFC												
30	MP CLERK	95B1O	PFC												Includes clerical positions concerned with Military Police Investigation, traffic, statistics, Joint Services Intrusion Detection Systems, vehicle impoundment, identification and fingerprinting, property, operations, Military Police Management Information System SIR and other military police functions.
31	DESK CLERK	95B1O	PFC												
32	MWD TRAINER	95B1OZ6	SPC												1. MWD school, Lackland AFB, TX 2. Additional positions graded as SPC.
33	SR MWD TRAINER	95B2OZ6	SGT												1. MWD school, Lackland AFB, TX 2. Additional positions graded as SGT.

**Table 10–95B–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
34	DET DOG HAND (NARC)	95B2OZ6	SGT												Military working dog element authorized narcotic detector dog handlers.
35	SUPV MWD TRAINER	95B3OZ6	SSG												1. MWD school, Lackland AFB, TX 2. Additional positions also graded SGT.
36	DET DOG HAND (EXPL)	95B3OZ6	SSG												1. Working dog element authorized explosive detector dog handlers. 2. Additional positions also graded
37	KENNEL MASTER	95B3OZ6	SSG												Military working dog element for supervision of four to nine dog handlers and operation of kennel.
38	STAT DATA ANAL	95B3O	SSG												USAMPS, Proponent Office.
39	DESK SERGEANT	95B3O	SSG												1. Operations detachment/ branch/section of PMO/Law Enforcement Activity/ Directorate of Public Safety. 2. Joint police information center.
40	CRIME PVNT NCO	95B3OV5	SSG												
41	PHYS SEC INSP	95B3OH3	SSG												1. Physical security section/team. 2. Operations and/or training branch, force protection branch.
42	PLANS NCO	95B3O	SSG												1. Operations detachment/ branch/section of MP company or PMO/Law Enforcement Activity/Directorate of Public Safety/Detachment/Mission relations. 2. Assigned or attached to the operations section U.S. Army Infantry Center. Second position also graded SSG. 3. U.S. Army Training Center Ft Eustis (USATCFE).
43	KENNEL MASTER	95B4OZ6	SFC												Military working dog element for supervision of 10 or more dog handlers and operation of kennel.
44	PLATOON SGT SECTION SGT	95B4O	SFC												MP platoon or section comprised of 24 or more law enforcement or security personnel with a post, camp or station law and order mission, or within guard or escort guard companies.
45	DETACHMENT SGT	95B4O	SFC												Principal NCO in unit responsible for company type administration for 75 or less assigned personnel.
46	MP COORD NCO	95B4O	SFC												Operations Section, U.S. Army Infantry Center Ft Benning. Second position also graded SFC.
47	PHYS SEC NCO	95B4OH3	SFC												1. Ops/training Sec/branch of garrison community activity, provost marshall office. 2. Physical security section/division/team. 3. Intel Br of Ofc of G3 USAR Div Ex Hq. 4. Security Section of U.S. Army Radiobiological Institute. 5. Plans section EAC. 6. Admin/Security and Technical Section, Office of Joint Chiefs of Staff. 7. MP Brigade liaison. 8. Mobility protection branch. 9. Force Protection Activity.
48	OPERATIONS NCO	95B4O	SFC												1. Operations or Security section/branch, HQ or military police company, provost marshall office or physical security company, section, garrison, substation or detachment authorized 124 or less enlisted law enforcement personnel. 2. Joint police information center.
49	FIRST SERGEANT	95B5M	1SG												MP company or physical security company or comparable units.
50	PROVOST NCO	95B5O	MSG												Principal NCO in PMO/Law Enforcement Activity/ Command/Directorate of Public Safety of garrison or military community activity with assigned or attached strength of 95-124 enlisted law enforcement personnel.
51	SECURITY NCO	95B5O	MSG												1. Operations Section, air defense brigade or group with two or more assigned or attached security platoons. 2. Anti-terrorism cont war plans. 3. Physical Security Division.

**Table 10-95B-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
52	OPERATIONS NCO	95B50	MSG												1. Operations section/ division, MP/Physical Security Company or PMO/Law Enforcement Activity/Command/Directorate of Public Safety of a company, garrison, community activity, command and control team or comparable element assigned or attached 125 or more enlisted law enforcement personnel. 2. Force protection activity. 3. Operations/PM sections/ division of EAC. 4. Law Enforcement section Ft. Meade.
53	MP COORD NCO	95B50	MSG												SHAPE provost marshal branch.
54	PROVOST NCO	95B50	SGM												1. Principal NCO in PMO/Law Enforcement Activity/Command/Directorate of Public Safety of garrison, military community activity or support command with assigned or attached strength of 125 or more enlisted law enforcement personnel or as principal NCO in PMO/Law Enforcement Activity/Law Enforcement Command/Dir. Public Safety of MP brigade or group of PW brigade. 2. PMO Ft. Meade.
55	OPERATIONS NCO	95B50	SGM												1. Operations section of PMO/Law Enforcement Activity/ Law Enforcement Command/ Directorate of Public Safety with assigned or attached strength of 200 or more enlisted law enforcement personnel. 2. PM/Operations section/ division in MP battalion (training or operational), PW compound, MP group or brigade, COSCOM, division, corps or EAC.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-95C-1  
Physical requirements**

Skill level	Task numbers	Tasks
2	1, 2	1. Lifts a maximum of 80 pounds with frequent lifting of 40 pounds.
3	1, 2	2. Frequently stands for extended periods of time.
4	1, 2	
5	None	

**Table 10-95C-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	CORRECTIONS SPECIALIST	95C10	PFC		1	2	2	2	2	2	2	2	2	3	1. Confinement Facility Team LF Work Supervisor. 2. Disciplinary Guard Sec, HHC, MP Confinement Bn. For supervisor see line 8. 3. Prisoner Co Control Team, HHC, MP Confinement Bn.
2	CORRECTIONS SPECIALIST	95C10	SPC		1	1	1	2	2	2	2	2	3	3	
3	CORRECTIONS SPECIALIST TEAM LEADER	95C20	SGT					1	2	3	3	3	3		
4	CORRECTIONS SUPERVISOR SQUAD LEADER	95C30	SSG										1	1	1
5	DRIVER/RADIO OPERATOR	95C10	PFC												Command Sec and Co LA, Hq, MP Confinement Bn.
6	CORRECTIONS NCO	95C20	SGT												1. Confinement Teams LA. Second position also graded SGT. 2. S2/S3, HHC, MP Confinement Bn. 3. Confinement Facility Team LB, LC, LD and LE. Second and third positions also graded SGT.
7	PRISONER EMPLOY NCO	95C30	SSG												Confinement Team LA.
8	CORRECTIONS SUPERVISOR	95C30	SSG												1. Disciplinary Guard Sec, HHC, MP Confinement Bn. 2. Confinement Facility Team LE.
9	CORRECTIONS/TNG NCO	95C30	SSG												Tng/Lsn (Gen Pol Ops) Team LE.
10	CORRECTIONS NCO	95C40	SFC												1. Confinement Facility Team LA. Second position also graded SFC. 2. Disciplinary Guard Sec, Confinement Facility Team LB, LC and LD. 3. Prisoner Co Control Tm, HHC, MP Confinement Bn. Second position also graded SFC. 4. Disciplinary Guard Sec, HHC, MP Confinement Bn.
11	PRISONER EMPLOY NCO	95C40	SFC												Prisoner Co Control Team, Confinement Facility Team LB, LC and LD.
12	PROCESSING NCO	95C40	SFC												Prisoner Co Control Team, Confinement Facility Team LD.
13	CORRECTIONS/TNG NCO	95C40	SFC												Prisoner Co Control Team, Confinement Facility Team LB, LC and LD.
14	SENIOR CORRECTIONS NCO	95C50	MSG												1. Confinement Team LA. 2. Prisoner Co Control, Confinement Facility Team LB, LC and LD.
15	MOTIVATION/DEV NCO	95C50	MSG												Prisoner Co Control, Confinement Facility Team LB, LC and LD.
16	PRISONER SERVICES NCO	95C50	MSG												Prisoner Co Control, Confinement Facility Team LB, LC and LD.
17	OPERATIONS NCO	95C50	MSG												S2/S3, HHC, MP Confinement Bn.
18	FIRST SERGEANT	95C5M	1SG												Principal NCO of a company or troop.
19	CHIEF CORRECTIONS NCO	95C50	SGM												Cmd Sec, Tm LB, LC, LD, Confinement Team.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-95C-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	CORRECTIONS SPECIALIST	95C10	PFC			1	1	1	2	2	2	2	3		1. All type corrections facilities (less close confinement) except USDB. Senior position in element will be titled team leader or squad leader. All positions graded cumulatively at paragraph level.
2	CORRECTIONS SPECIALIST	95C10	SPC			1	1	2	3	3	3	3	4	4	2. All Liaison Sections to civil confinement.
3	CORRECTIONS NCO TEAM LEADER PRISONER WORK SUPV PRISONER EMPLOY NCO	95C20	SGT			1	1	1	1	1	1	2	2	2	3. Grading pattern will be used for all positions not specifically identified in any other line.
4	CORRECTIONS SUPERVISOR SQUAD LEADER PRISONER EMPLOY NCO	95C30	SSG										1	1	1
5	CORRECTIONS SPECIALIST	95C10	SPC				1	1	1	1	2	2	2	3	Close Confinement Section of USDB and Regional Corrections Facilities (RCF).
6	CORRECTIONS NCO TEAM LEADER	95C20	SGT			1	1	2	3	3	3	4	4	4	
7	CORRECTIONS SUPERVISOR SQUAD LEADER	95C30	SSG			1	1	1	1	1	2	2	2	3	3
8	MP INVESTIGATOR	95C10V5	SPC			1	1	2	2	3	3	4	4	5	
9	MP INVESTIGATOR	95C20V5	SGT			1	1	1	1	2	2	3	3	3	
10	MP INVESTIGATOR	95C30V5	SSG				1	1	1	1	1	1	2	2	
11	CORRECTIONS SPECIALIST	95C10	SPC												Law Enforcement Operations Division, Ft Shafter, HI. Second and third positions also graded SPC.
12	CORRECTIONS NCO	95C20	SGT												Confinement Section, Ft McNair. Subsequent positions also graded SGT.
13	PROTOCOL NCO	95C30	SSG												Hq Element of USDB.
14	CORRECTIONS NCO	95C30	SSG												1. Law Enforcement Operations Division, Ft Shafter, HI. Second position also graded SSG. 2. Confinement Section, Ft McNair. Second and third positions also graded SSG.
15	EVIDENCE CUSTODIAN	95C30V5	SSG												S2, USDB.
16	CORRECTIONS COUNSELOR	95C30	SSG												1. Correctional Treatment Team, USDB. Subsequent positions also graded SSG. 2. Prisoner Services Branch, RCF, Ft Knox. Second and third positions also graded SSG. 3. Prisoner Work Section, RCF, Ft Sill. Subsequent positions also graded SSG. 4. Operations Branch, RCF, Ft Lewis. Subsequent positions also graded SSG. 5. AK Conf Fac, USA Artic MP Unit.
17	TNG/OPS NCO TRAINING NCO	95C30	SSG												1. Hq Section, confinement companies USDB. Second position also graded SSG. 2. Adjutant, RCF, Ft Lewis. 3. Prisoner Services Br, RCF, Ft Knox. 4. Prisoner Work Section, RCF, Ft Sill. 5. Co C, RCF, Ft Lewis. 6. S3, USDB.
18	MP INVESTIGATOR	95C40V5	SFC												Supervision of seven or more MPIs in USDB.
19	PROCESSING NCO	95C40	SFC												1. Prisoner Work, RCF, Ft Sill. 2. Inmate Reception Section, USDB. 3. Adjutant, RCF, Ft Lewis. 4. Prisoner Services Br, RCF, Ft Knox.
20	PRISONER EMPL NCO	95C40	SFC												1. Correctional Services Branch, RCF Ft Knox and Ft Sill. 2. Ops Br, RCF, Ft Lewis.

**Table 10-95C-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
21	SHIFT LEADER	95C4O	SFC												1. Correctional Services Br, RCF, Ft Knox and Ft Sill. Subsequent positions also graded SFC. 2. Operations Section, RCF, Ft Lewis. Subsequent positions also graded SFC. 3. Security Section, USDB. Subsequent positions also graded SFC.
22	SR CORRECTIONS SUPV	95C4O	SFC												Service Security, Vocational Trng Security, Access Security, Ghouse Security, USDB, USAMPS.
23	SR CORRECTIONS COUNSL	95C4O	SFC												Corrections Treatment USDB. Second and third positions also graded SFC.
24	PHYSICAL SCTY INSP	95C4OH3	SFC												S2 Sec, USDB.
25	SCTY/OPS SERGEANT	95C4OH3	SFC												S2 Sec, USDB.
26	OPERATIONS SER-GEANT CORRECTIONS NCO	95C4O	SFC												1. Law Enforcement Operations Division, Ft Shafter, HI. 2. Correctional Services Br, RCF, Ft Knox. 3. USAG, Ft Sam Houston. 4. Correctional Services Br, RCF, Ft Sill, Subsequent positions also graded SFC. 5. Ops Br and Co C, RCF, Ft Lewis. 6. Operations Plans/Policy Div and S3, USDB. 7. Confinement Section, Ft McNair. 8. AK Confinement Facility, USA Artic MP Unit. Second position also graded SFC.
27	PLATOON SERGEANT	95C4O	SFC												USDB, RCF, all type corrections/confinement companies and corrections platoon.
28	PRISONER SERVICES NCO	95C5O	MSG												1. Prisoner Services Branch, RCF, Ft Knox. 2. Prisoner Work Section, RCF, Ft Sill. 3. Adjutant, RCF, Ft Lewis.
29	SR CORRECTIONS NCO	95C5O	MSG												1. Correctional Services Br, RCF, Ft Sill and Ft Knox. 2. AK Confinement Facility, USA Artic MP Unit.
30	OPERATIONS SER-GEANT	95C5O	MSG												1. Operations Plans/Policy Division and S3, USDB. 2. Ops Br, RCF, Ft Lewis.
31	FIRST SERGEANT	95C5M	1SG												USDB, RCF and Confinement Companies.
32	SHIFT SUPERVISOR	95C5O	MSG												S3, USDB. Subsequent positions also graded MSG.
33	CHIEF CORRECTIONS NCO OPERATIONS NCO	95C5O	SGM												1. Office of the Commander, RCF, Ft Knox and Ft Sill. 2. Directorate of Operations; Directorate of Training and Support, USDB.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-95D-1  
Physical requirements**

Skill level	Task numbers	Tasks
2	1, 2, 3, 4, 5	1. Lifts a maximum of 80 pounds with frequent lifting of 40 pounds.
3	1, 2, 3, 4, 5	2. Occasionally stands for extended periods of time.
4	3, 4, 5	3. Frequently writes reports and compiles data.
5	3, 4, 5	4. Must speak clearly. 5. Must possess normal color vision.

**Table 10-95D-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	CID SPECIAL AGENT	95D2O	SGT			1	1	2	3	3	4	5	6	All USACIDC CASE/TASE/PASE 8 Criminal Investigative Teams.
2	CID SPECIAL AGENT	95D3O	SSG	1	1	1	2	2	2	2	2	2	2	
3	CID SPECIAL AGENT	95D4O	SFC		1	1	1	1	1	2	2	2	2	
4	CID SPECIAL AGENT	95D2O	SGT	1	1	2	2	3	3	4	4	5	5	All USACIDC DSE 3/4 Criminal Investigative Teams.
5	CID SPECIAL AGENT	95D3O	SSG		1	1	2	2	3	3	4	4	5	
6	DETACHMENT SER-GEANT	95D4O	SFC											1. Element Headquarters, USACIDC DSE/CASE/TASE/PASE. 2. Detachment Headquarters, HHD, MP Group (CID).
7	OPERATIONS NCO	95D4O	SFC											1. Operations Section, USACIDC CASE/TASE/PASE. 2. S2/S3 Section, HHD, MP Bn (CID).
8	OPERATIONS NCO	95D5O	MSG											S3 Section, HHD, MP Group (CID).
9	FIRST SERGEANT	95D5M	1SG											Principal NCO in Detachment Headquarters, HHD, MP Bn (CID).

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-95D-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	CID SPECIAL AGENT	95D2O	SGT		1	1	2	2	3	4	5	6	7	1. Grades of additional positions will follow the pattern of SSG, SGT, SGT starting with SSG at the eleventh position.
2	CID SPECIAL AGENT	95D3O	SSG	1	1	2	2	2	2	2	2	2	2	2. All USACIDC Resident Agencies, Branch Offices, Augmentation Criminal Investigative Teams, and Fraud Resident Agencies.
3	CID SPECIAL AGENT	95D4O	SFC					1	1	1	1	1	1	3. Grading pattern will be used for all positions not specifically identified in any other line.
4	CID SPECIAL AGENT	95D4O	SFC											Hq USACIDC Protective Service Unit Teams A, B, C and D, Ft Belvoir. Second position in Teams A, B and D will be graded SSG. Second and third positions in Team C will be graded SSG. All other positions will be graded SGT.
5	DETACHMENT SER-GEANT	95D4O	SFC											1. USACIDC Field Investigative Unit. 2. Detachment Headquarters, HHD, MP Group (CID) and Region Hq.
6	OPERATIONS NCO	95D4O	SFC											S3 Section, HHD, MP Group (CID) and Region Hq.
7	STAFF SPECIAL AGENT	95D4O	SFC											Current Operations Division, Hq, USACIDC.
8	CIS/EVIDENCE CUSTODIAN	95D4O	SFC											307th of the 81st U.S. Army Regional Support Command.
9	SECURITY OFFICER	95D4O	SFC											U.S. Army Element SHAPE. Subsequent position will be graded SSG.
10	DETACHMENT SER-GEANT	95D5O	MSG											1. USACIDC Field Office. 2. USACIDC Protective Service Unit.
11	STAFF SPECIAL AGENT	95D5O	MSG											1. Imaging/Tech Svcs Division, US Army Criminal Investigation Laboratory. 2. Analysis/Studies Branch, Hq, USACIDC. Second position also graded MSG. 3. Intelligence Branch, Hq USACIDC. 4. S3 Section, HHD, MP Group (CID) and Region Hq Second position graded SFC.
12	STF SP AGT/EO ADVISOR	95D5O 95D5Q	SGM											Intelligence Branch, Hq USACIDC.

**Table 10-95D-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
13	FIRST SERGEANT	95D5M	1SG													Principal NCO in USACIDC District and HHD, MP Bn (CID).
14	REGION/GROUP SGM	95D5O	SGM													Principal NCO in Command Section, HHD, MP Group (CID) and Region Hq.
15	INSPECTOR GENERAL NCO	95D5O	SGM													Office of the IG, Hq, USACIDC.
16	SENIOR STAFF NCO	95D5O	SGM													Office of the DCSOPS, Hq, USACIDC.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-96B-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts 37 pounds and carries 50 feet as part of a multi-person lift.
2	1, 2, 3, 4, 5, 6	2. Frequently sits for a period of 8 hours duration.
3	1, 2, 3, 4, 5, 6	3. Must possess normal color vision.
4	2, 3, 4, 5, 6	4. Constantly reviews documents.
5	2, 3, 4, 6	5. Must possess finger dexterity in both hands. 6. Occasionally stands, stoops, and kneels to file.

**Table 10-96B-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	INTEL ANALYST	96B1O	PFC	1	1	1	2	2	2	2	3	3				1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI. 2. Grading pattern will be used for all positions not specifically identified in any other line. 3. Driver positions will be graded PFC. 4. ASAS Master Analyst positions will be coded with ASI 1F. 5. Use with SQI S in: a. Sp Ops Sp Bn. b. HHC and Spt Co of SF Gp. c. Spt Co and C Det of SF Bn. d. HHC of PSYOP Gp, H&S Co of PSYOP Dissem Bn and H&S Co of PSYOP Bn.
2	INTEL ANALYST	96B1O	SPC	1	1	1	2	2	2	3	3	3	4			
3	INTEL ANALYST	96B2O	SGT			1	1	1	1	1	2	2	2			
4	INTEL SERGEANT	96B3O 96B3O1F	SSG						1	1	1	1	1			

**Table 10–96B–2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
5	INTEL ANALYST	96B2O	SGT												Principal Intel Analyst in: a. S2 and/or Intel Sec in HHC of ADA, Arty, Engr and MI Bn. b. S2 Sec in HHC of Fwd Spt Bn of AASLT, Abn and LID. c. S2 Sec in HHC of Engr, EOD and Trans Gp and Corps Spt Gp. d. S3 Sec in HHC of MI Bn (Ling). e. Plans Br of Plans & Read Div in HHC of TA. f. Plans Sec in G2 Div of Rear Ops Ctr (Corps). g. Plans Cell in HHC of Abn Div. h. Ops/Intel Sec in Rear Ops Ctr of all Div's (second Intel analyst position will be graded SPC). i. CM&D Sec in HHC of Sep Bde. j. DCSINT Ofc of Sig Cmd. k. Cav/Recon Sqdn of Div. l. Avn Co in Avn Regt and Sp Ops Cmd (use with SQI S). m. Avn and/or Med Hel Bn of Sp Ops Avn Regt (graded as second position). Use with SQI S. n. Div PYSOP Spt Elm in TAC Co of PYSOP Bn (use with SQI S). o. DS Co of CA Bn. p. Intel Spt Elm in HHC of MI Bn (EAC). q. Comms Con/Spt Tm in ACE Sec of MI Bn. r. SSO in HHC of Div and Corps.
6	INTEL SERGEANT	96B3O	SSG												1. Principal Intel NCO in S2 Sec of: a. ADA, CA, Chem, Engr and Sig Bde. b. PSYOP Gp (second Intel position will be graded SGT). c. Armd Cav Sqdn and Regt Avn Sqdn of ACR. d. Armd, Avn, Inf, Rgr, SF (use with SQI S), SP Ops Spt Bn (use with SQI S) and Scout Bn. e. MI Gp (EAC). f. Avn Gp and/or Atk Hel Regt (second intel position will be graded SGT). Use with SQI S. 2. Principal Intel NCO in S2/S3 Sec of: a. Sp Ops Sig Bn (use with SQI S). b. MI Bn (EAC) when both sections are combined. 3. Principal Intel NCO in G2 Intel Cell in: a. HHC of Corps. b. HHC of AASLT, Abn and LID. 4. Principal Intel NCO in S3 Sec of: a. MI Gp and Bde (EAC). b. MI Bn of all Div's. 5. Principal Intel NCO in: a. Plans/Intel Br in HHC of DISCOM. b. G2 Sec of COSCOM. c. Ops/Intel Sec in G2 Rear Opns Ctr of Corps. d. Ops Sec in LRS Co of MI Bn. e. ACT Sec in DS Co of MI Bn of all Div's when three or more subordinate MOS 96B soldiers are authorized. f. Tgt Tm in ACE Sec of MI Bn of all Div's (second Intel position will be graded SGT). g. Tgt Nom Sec in ACE Hq of MI Bn (Ops) of Corps. h. Deep Ops Br or C2W Br in G3 Ops Div in HHC of TA. i. Tgt Elm Sec in HHC of FA Bde. j. TAC CP of Armd and Inf Bde when no SSG is auth in S2 Sec. k. ASPS or IPS in HHC of Sep Bde and ACR. l. Btl Stf Br of G3 Ops Div in HHC of TA (subsequent Intel positions will be graded SSG). m. MI Ln Tm of Armd or Inf Bde when not geographically collocated with the MI DS Co. n. Fusion Sec in Ops Div of the Btl Fld Coord Elm and/or Det. o. Ofc of Chief of DCSINT in Hq USAREUR. p. ULO/LLO Spt Tm and/or Host Nation Spt Tm of MI Bn (EAC). q. Army Ln Tm of ARFOR Hq.

**Table 10–96B–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
7	SR INTEL SERGEANT	96B4O 96B4O1F	SFC												<p>1. Principal Sr Intel NCO in S2 Sec of:</p> <ul style="list-style-type: none"> <li>a. Rgr Regt and SF Gp (use with SQI S).</li> <li>b. CA (GS) Bn, Bde, and Cmd.</li> <li>c. Armd, Avn, Inf and Sep Bde and ACR and Scout Gp.</li> <li>d. MI Bde (EAC).</li> </ul> <p>2. Principal Sr Intel NCO in G2 Div of:</p> <ul style="list-style-type: none"> <li>a. Tac CP in HHC of Div and Corps.</li> <li>b. HHC of ADCOM.</li> <li>c. Current Ops Sec in HHC of all Div's.</li> <li>d. HHB of Corps Arty (second Intel position will be graded SGT).</li> </ul> <p>3. Principal Sr Intel NCO in:</p> <ul style="list-style-type: none"> <li>a. S3 Sec in HHD of MI Bde (Corps).</li> <li>b. Ops &amp; Analysis Tm of CMISE Hq (EAC).</li> <li>c. Ops Br of G2 Ops Div in HHC of TA.</li> <li>d. Ops Br of TAACOM and G2 Sec of Theater Army Spt Cmd.</li> <li>e. Plans and Read Div of G2 Sec in HHC of TA.</li> <li>f. ASPS/CM&amp;D Sec in MI Det in Spt Co of SF Gp (second Intel position will be graded SGT). Use with SQI S.</li> <li>g. ASI Sec in ACE Elm of MI Bn of all Div's (use with ASAS ASI 1F). When no ASI Sec exists, MOS 96B position in ASP Tm will be graded SFC and used with ASAS ASI 1F.</li> <li>h. Intel Sec in Plans Div of Btlfd Coord Elm and/or Det.</li> <li>i. WP Ops Sec in Hq USAREUR (second Intel position will be graded SGT).</li> <li>j. Main Ops Sec and Ops Spt Sec in Hq USAREUR.</li> </ul>
															<ul style="list-style-type: none"> <li>k. ACE Sec in MI Co of ACR and Sep Bde (use with ASAS ASI 1F).</li> <li>l. ACE Comms Sec in HHC of MI Bn of Div and in Ops Bn of Corps. Second Intel position is graded SSG.</li> <li>m. Coll &amp; Msn Mgt Tm of MI Bn in all Div's.</li> <li>n. TOC in HHB of DIVARTY.</li> <li>o. ASPS/CM&amp;D Sec in MI Det of Spt Co of SF Bn.</li> </ul> <p>4. Every 13th 96B Intel position will be graded SFC.</p>
8	PLATOON SERGEANT	96B4O	SFC												Principal NCO in MI Plt Hq Sec when MOS 96B is the predominant MOS.
9	DETACHMENT SER- GEANT	96B4O	SFC												Principal NCO in MI Det with 75 or less soldiers when MOS 96B is the predominant MOS.
10	CH INTEL SERGEANT	96B5O 96B5O1F	MSG												<p>1. Principal Ch Intel NCO in S2 Sec of:</p> <ul style="list-style-type: none"> <li>a. Aslt Hel Bn of Sp Ops Avn Regt (second and third MOS 96B Intel positions will be graded SFC). Use with SQI S.</li> <li>b. MI Bde (Corps). Second Intel position will be graded SGT.</li> <li>c. Sp Ops Avn Regt (second Intel position will be graded SSG). Use with SQI S.</li> <li>d. TASOC.</li> </ul> <p>2. Principal Ch Intel NCO in G2 Div of:</p> <ul style="list-style-type: none"> <li>a. Current Ops Sec in HHC of Corps.</li> <li>b. Ops/Intel Sec in Rear Ops Ctr of Corps.</li> <li>c. Ops Div in HHC of TA (second Intel position will be graded SSG).</li> </ul> <p>3. Principal Ch Intel NCO in:</p> <ul style="list-style-type: none"> <li>a. ACE Hq Sec in HHOC of MI Bn in all Div's. Use with ASI 1F.</li> <li>b. ASI Sec in Hq of ACE Elm of MI Bn (Ops) Corps. Use with ASAS ASI 1F. When no ASI Sec Hq exists, then grade MSG will be auth as principal NCO in the ASP Sec.</li> <li>c. DCSINT Intel Tm of Hq USAREUR (second Intel position will be graded SFC and subsequent Intel positions will be graded SGT).</li> <li>d. All Source Prod Hq of MI Bn (EACIC). Use with ASAS ASI 1F.</li> <li>e. CTOC Spt Elm Hq of Ops &amp; Analysis Co and TOC Spt Co of MI Bn (TEB) Corps.</li> </ul>

**Table 10-96B-2  
Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
11 FIRST SERGEANT	96B5M	1SG													1. Principal NCO in MI Co Hq with 75 or more soldiers when MOS 96B is predominant MOS. 2. Principal NCO in MI Co Hq of MI Co (DS) (Hvy Div).

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-96B-3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 INTEL ANALYST	96B1O	PFC			1	1	2	2	2	2	3	3			1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2 INTEL ANALYST	96B1O	SPC			1	1	2	2	2	3	3	3	4		
3 INTEL ANALYST	96B2O	SGT			1	1	1	1	1	1	1	2	2	2	
4 INTEL SERGEANT	96B3O	SSG							1	1	1	1	1		
5 INTEL ANALYST	96B1O	SPC			1	1	2	3	3	3	4	4	5		1. Grades of additional positions will be in the same pattern. 2. Joint, Joint Sp Ops Cmd and USA Elm of SHAPE Hq will be graded using this table.
6 INTEL ANALYST	96B2O	SGT			1	1	1	1	1	2	2	2	3	3	
7 INTEL SERGEANT	96B3O	SSG				1	1	1	1	1	1	1	1		
8 SR INTEL SERGEANT	96B4O	SFC								1	1	1	1		
9 INTEL ANALYST	96B1O	SPC				1	1	1	2	2	2	3	3		1. Grades of additional positions will be in same pattern. 2. DoD, DIA and DSA Elm will be graded using this table.
10 INTEL ANALYST	96B2O	SGT			1	1	2	2	2	2	3	3	4		
11 INTEL SERGEANT	96B3O	SSG			1	1	1	1	1	1	2	2	2	2	
12 SR INTEL SERGEANT	96B4O	SFC							1	1	1	1	1		
13 INTEL ANALYST	96B2O	SGT					1	2	2	3	3	4	4		1. Grades of additional positions will be in same pattern. 2. AC/RC support positions will be graded using this table.
14 INTEL SERGEANT	96B3O	SSG			1	1	2	2	2	2	2	3	3	4	
15 SR INTEL SERGEANT	96B4O	SFC			1	1	1	1	2	2	2	2	2		
16 INTEL ANALYST	96B2O	SGT			1	2	2	2	3	4	4	5	6		1. Grades of additional positions will be in same pattern. 2. On-Site Insp Agcy will be graded using this table.
17 INTEL SERGEANT	96B3O	SSG			1	1	1	2	2	2	2	3	3	3	
18 SR INTEL SERGEANT	96B4O	SFC							1	1	1	1	1		
19 INTEL SERGEANT	96B3O	SSG													Principal Intel NCO in: a. Prod & Dissem Br in USA Elm of CENTCOM. b. Intel Div of USA Studies and Analysis Acty. c. All Sec of USA Intel Stf Spt Agcy. d. Spt Gp of USA War College. e. Phys Sec Div in USA Wash Hq Svc Elm. f. Intel Div of USA Land Info Warfare Acty. g. Intel Ops Div of Sp Ops Cmd. h. S2/S3 Sec in School of the Americas. i. Ops Sec of UN Cmd Scty Force. j. C-Narcotics Div of USA Pacific Acty. k. S2 Sec of USA CMTC. l. ROKA VII Corps Ln Tm. m. S2/S3 in Sp Ops Spt Cmd. n. Plans Tm and Ops Tm of NTC. o. C4I shift Intel Sec of USA Space Cmd. p. CTC Plan Br of USAG--(Ft Polk). q. Intel Elm of U.S. Army Cbt Spt Coord Tm.

**Table 10-96B-3**  
Standards of grade TDA—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
20	SR INTEL SERGEANT	96B4O	SFC												1. Principal Sr Intel NCO in: a. Tng Div of USA Elm ATLAN Intel Cmd. b. Joint Tgt Sch in USA Elm of USACOM Sp Acty. c. Current Intel Br in USA Elm of CENTCOM. d. Plans/Spt Div of USA Exer Spt Agcy (subsequent Intel positions will be graded SSG). e. Res Intel Spt Ops Div in Force Mod Acty of USAINSCOM. h. S2 Sec in Hq of SETAF. i. Intel Elm of USA Cbt Spt Coord Tm. j. Ops Div of USA Nat'l Asst Plan Acty (subsequent Intel positions will be graded SGT). k. SPO Sec in Hq of FORSCOM (Kuwait). l. EAC Sim Tm of USA CATC. m. Bde OC Tm of USA CMTC. n. G2 Sec in HHC of SF Cmd (second Intel position will be graded SSG). o. Ops/Intel Sec of USA ADA Ln Tm (Korea). p. S2 Sec of MI Bde (EAC). q. Ops & Intel Div of USA OTEA, (second Intel position will be graded SSG). r. ACofS G2 Sec of USA Sp Ops Cmd - Full Time Manning. s. G3 ARTBASS Br of USAG--(Ft Lewis). t. Ops Div in U.S. Army Elm Of Intel Ctr (USAPAC). u. Ops Div in U.S. Army of Joint Task Force 6 (JTF6). v. ROKA VII Corps Ln Tm. w. Blt Cmd of Blt Lab. 2. Sections of all units with 15 or more positions, every 15th MOS 96B Intel position will be graded SFC. 3. MI Enl Br of U.S. Total Army Personnel Command.
21	PLATOON SERGEANT	96B4O	SFC												Principal NCO of MI Plt Hq Sec when MOS 96B is predominant MOS.
22	DETACHMENT SER-GEANT	96B4O	SFC												Principal NCO in MI Det Hq with 75 or less soldiers when MOS 96B is the predominant MOS.
23	CH INTEL SERGEANT	96B5O	MSG												Principal Ch Intel SGT in: a. Reserve Div Tng Gp as G2 Advisor. b. Sp Ops Div of USA Sp Ops Agcy. c. Current Intel Br of FORSCOM Hq. d. Analysis Div in USA Elm of JAC Molesworth. e. Res & Req Div in USA Elm Hq of CENTCOM. f. Admin and Doc Br in USA Elm in Allied Land Forces of SE Europe. g. Plans Tm in USA Elm of Joint Plan Spt Agcy. (subsequent Intel positions will be graded SFC). h. POW/MIA Sec in USA Elm of POW/MIA Orgn. i. G2 Div of JFK SWC & Sch.
24	FIRST SERGEANT	96B5M	1SG												Principal NCO of MI Co Hq Sec with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-96D-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7	1. Occasionally lifts 37 pounds and carries 50 feet as part of a multi-person lift.
2	1, 2, 3, 4, 5, 6, 7	2. Frequently sits for a period of 8 hours duration.
3	1, 2, 3, 4, 5, 6, 7	3. Must possess normal color vision with near vision correctable to approximately 14/14 (inches) and distance vision correctable to 20/20 standard Snellen.
4	3, 4, 5, 6, 7	4. Must possess stereoscopic acuity with or without correction (tested on stereoscopic instrument).
5	3, 4, 5, 6, 7	5. Frequently reviews documents. 6. Must possess finger dexterity in both hands.

**Table 10–96D–1  
Physical requirements—Continued**

Skill level	Task numbers	Tasks
		7. Occasionally writes to keep records and compile data.

**Table 10–96D–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	IMAGERY ANALYST	96D1O 96D1OS9 96D1O1T 96D1O2T	PFC			1	1	2	2	2	2	2	3		1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI. 2. ASI will not be graded separately 3. Grading pattern will be used for all positions not specifically identified in any other line. 4. Driver positions will be graded PFC. 5. ASPS/CM&D of SF Gp Spt Co (use with SQI S).
2	IMAGERY ANALYST	96D1O 96D1OS9 96D1O1T 96D1O2T	SPC	1	1	1	2	2	2	3	3	3	3		
3	IMAGERY ANALYST	96D2O 96D2OS9 96D2O1T 96D2O2T	SGT	1	1	1	1	1	1	1	2	3	3		
4	IMAGERY SERGEANT	96D3O 96D3OS9 96D3O1T 96D3O2T	SSG						1	1	1	1	1		
5	IMAGERY ANALYST	96D2O 96D2OS9 96D2O1T 96D2O2T	SGT												Principal Imagery Analyst in: a. Intel Spt Elm of MI Bn (EAC). b. C2W Br in G3 Ops Div in HHC of TA. c. Avn Co and/or Bn of Sp Ops Avn Regt (use with SQI S).
6	IMAGERY SERGEANT	96D3O 96D3OS9 96D3O1T 96D3O2T	SSG												Principal Imagery NCO in: a. IMINT Tm of ACE Sec in HHOC of MI Bn (Div and/or Corps). b. CM&D Sec of ACR. c. ELINT/Imagery Intrp Sec in Coll & Proc Co of MI (Ops) Bn (Corps). d. Ops Br of G2 Ops Div in HHC of TA. e. G2 Ops Div in HHC of TA. f. S2 Sec in HHC of Rgr Regt. g. ASPS/CM&D Sec in MI Det of Spt Co of SF Bn and/or Gp (use with SQI S). h. Main Ops Sec in Hq USAREUR. i. S3 Sec of MI Bde (EAC). j. Basic Coverage Library Sec of MI Det and/or Bn (EAC) (when no other SSG imagery position authorized). k. Prod Tm of MI Bn (EACIC). l. BDA Tm of MI Bn (EACIC). m. Aerial Recon Spt Tm of MI Bn (EAC).
7	SR IMAGERY SER- GEANT	96D4O	SFC												1. Principal Sr Imagery NCO in: a. Aslt Hel Bn of Sp Ops Avn Regt (second imagery position will also be graded SFC). Use with SQI S. b. Imagery Expl/Analysis (MIES/TRAC/IPDS) Sec in MI Bn of Corps. c. Coll Mgt Sec in ACE Sec of MI (Ops) Bn (Corps). d. IMINT Tm of MI Bn (EAC) with seven or more imagery subordinate MOS 96D soldiers. e. Host Nation Spt Tm of MI Bn (EAC). f. Imag Expl Sec in Hq of Corps TOC Spt Co. g. S3 Sec of MI Bn (ARB). h. Air Spt Analysis Tm of MI Gp (JSTARS). i. Coll Mgt Tm of CMISE Hq (EAC). j. ISE in HHC of TASOC. 2. All Sec, every 11th MOS 96D imagery position will be graded SFC in EAC units only.
8	PLATOON SERGEANT	96D4O	SFC												Principal NCO in MI Plt Hq Sec when MOS 96D is predominant MOS.

**Table 10–96D–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
9	DETACHMENT SER-GEANT	96D40	SFC													Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 96D is the predominant MOS.
10	CH IMAGERY SER-GEANT	96D50	MSG													Principal Ch Imagery NCO in: a. G2 Plans Sec in HHC of Corps. b. Coll Mgt & Dissem Sec of MI Bn (EACIC). c. TENCAP Elm Hq in Tech Analysis & Proc Co of MI Bn (Corps). d. S2/3 Sec in HHD of MI Bn (Imagery Analysis). e. CMISE Hq (EAC).
11	FIRST SERGEANT	96D5M	1SG													Principal NCO of MI Co Hq with 75 or more soldiers when MOS 96D is the predominant MOS.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–96D–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	IMAGERY ANALYST	96D10 96D1OS9 96D1O1T 96D1O2T	PFC			1	1	2	2	2	2	3	3			1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI. 2. ASI will not be graded separately. 3. Grading pattern will be used for all positions not specifically identified in any other line. 4. All Secs of USAG Acty. 5. DSIATP positions will be coded with ASI S9. 6. IPDS positions will be coded with ASI 1T. 7. TENCAP positions will be coded with ASI 2T.
2	IMAGERY ANALYST	96D10 96D1OS9 96D1O1T 96D1O2T	SPC		1	1	2	2	2	3	3	3	4			
3	IMAGERY ANALYST	96D20 96D2OS9 96D2O1T 96D2O2T	SGT	1	1	1	1	1	1	1	2	2	2			
4	IMAGERY SERGEANT	96D30 96D3OS9 96D3O1T 96D3O2T	SSG							1	1	1	1	1		
5	IMAGERY ANALYST	96D10	SPC		1	1	2	3	3	3	4	4	5			1. Grades of additional positions will be in same pattern.
6	IMAGERY ANALYST	96D20	SGT	1	1	1	1	1	2	2	2	3	3			2. Joint, Joint Sp Ops Cmd and USA Elm in SHAPE Hq will be graded using this table.
7	IMAGERY SERGEANT	96D30	SSG			1	1	1	1	1	1	1	1			
8	SR IMAGERY SER-GEANT	96D40	SFC							1	1	1	1			
9	IMAGERY ANALYST	96D10	SPC			1	1	1	2	2	2	3	3			1. Grades of additional positions will be in same pattern.
10	IMAGERY ANALYST	96D20	SGT		1	1	2	2	2	2	3	3	4			2. All sections in DOD, DIA, and DSA Elm will be graded using this table.
11	IMAGERY SERGEANT	96D30	SSG	1	1	1	1	1	1	2	2	2	2			
12	SR IMAGERY SER-GEANT	96D40	SFC					1	1	1	1	1	1			
13	IMAGERY ANALYST	96D20	SGT				1	2	2	3	3	4	4			1. Grades of additional positions will be in same pattern.
14	IMAGERY SERGEANT	96D30	SSG	1	1	2	2	2	2	2	3	3	4			2. AC/RC Spt positions will be graded using this table.
15	SR IMAGERY SER-GEANT	96D40	SFC	1	1	1	1	2	2	2	2	2	2			

**Table 10–96D–3**  
Standards of grade TDA—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
16	IMAGERY ANALYST	96D2O	SGT	1	2	2	2	3	4	4	5	6	1. Grades of additional positions will be in same pattern.	
17	IMAGERY SERGEANT	96D3O	SSG	1	1	1	2	2	2	2	3	3	2. On-Site Insp Agcy positions will be graded using this table.	
18	SR IMAGERY SER- GEANT	96D4O	SFC				1	1	1	1	1	1		
19	IMAGERY SERGEANT	96D3O	SSG										Principal Imagery NCO in: 1. Div of Fgn Sci Tech Ctr as second 96D position. 2. ETUT Tm of MI Bn (EAC). Use with ASI 2T. 3. Intel Equip Div of USA Equip Eval Acty. 4. Intel/Ops Div of Sp Ops Cmd. 5. Intel/CASIC Elm of U.S. Army Cbt Spt Coord Tm.	
20	SR IMAGERY SER- GEANT	96D4O	SFC										1. Principal Sr Imagery NCO in: a. Br or Div of Fgn Sci Tech Ctr. b. Imagery Br in USA Elm of CENTCOM. c. Intel Sec in Sp Ops Cmd of ATLANTCOM. 2. All Secs every 16th imagery position will be graded SFC. 3. MI Enls Career Br of U.S. Army Total Personnel Command. 4. Dir for Cbt Dev of U.S. Army Intelligence Center and Ft Huachuca.	
21	PLATOON SERGEANT	96D4O	SFC										Principal NCO of MI Plt Hq Sec when MOS 96D is predominant MOS.	
22	DETACHMENT SER- GEANT	96D4O	SFC										Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 96D is the predominant MOS.	
23	CH IMAGERY SER- GEANT	96D5O	MSG										Principal CH Imagery SGT in: a. Ofc of the Cdr in Fgn Sci Tech Ctr. b. Cust Spt/Task Sec in USA Elm of ATLANT Intel Cmd. c. Tgt Exp Br in USA Elm of SOUTHCOM JIC. d. Plans Div of USA Elm of Exer Spt Agcy (second imagery po- sition will be graded SFC). e. Fld Spt Div of USA Space Prog Ofc. f. Ofc of Dep Cdr of JICPAC.	
24	FIRST SERGEANT	96D5M	1SG										Principal NCO of MI Co Hq with 75 or more soldiers when MOS 96D is predominant MOS.	

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–96H–1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8, 9	1. Assist in deployment/redeployment of GSM.
2	1, 2, 3, 4, 5, 6, 7, 8, 9	2. Install/remove FM communications antenna.
3	1, 2, 3, 4, 5, 6, 7, 8, 9	3. Unreel/rollup generator power cable.
4	1, 7, 8, 9	4. Couple/uncouple generator trailer to/from towing vehicle.
5	1, 7, 8, 9	5. Lift surveillance and control data link out of storage box. 6. Attach/detach surveillance and control datalink to/from pneumatic mast. 7. Remove/replace faulty radio. 8. Remove/replace faulty encryption equipment. 9. Remove/replace faulty Line Replaceable Unit (LRU).

**Table 10-96H-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	IGS OPERATOR	96H1O	PFC		1	1	2	2	2	2	3	3		1. Grades of additional positions will be in same pattern.
2	IGS OPERATOR	96H1O	SPC		1	1	2	2	2	2	3	3	4	2. Grading pattern will be used for all positions not specifically identified in any other line.
3	IGS OPERATOR	96H2O	SGT		1	1	1	1	1	1	2	2	2	3. Driver positions will be graded PFC.
4	IGS SERGEANT	96H3O	SSG						1	1	1	1	1	
5	IGS OPERATOR	96H2O 96H2O1A	SGT		1	1								1. Grades for additional positions will be in same pattern. 2. All positions on JSTARS E8A aircraft will be coded with ASI 1A.
6	SR IGS SERGEANT	96H4O 96H4O1A	SFC		1									
7	SR IGS SERGEANT	96H4O	SFC											Principal Sr IGS NCO supervising two or more JSTARS GSM/CGS Tm in MI Bn.
8	PLATOON SERGEANT	96H4O	SFC											Principal NCO of MI Plt Hq Sec when MOS 96H is predominant MOS.
9	DETACHMENT SER-GEANT	96H4O	SFC											Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 96H is the predominant MOS.
10	CH IGS SERGEANT	96H5O	MSG											Principal Ch IGS NCO in: a. S3 Sec in HHD of MI Gp (JSTARS). Second IGS position will be graded SSG. b. G2 Intel Cell in HHC of Corps.
11	FIRST SERGEANT	96H5M	1SG											Principal NCO in MI Co Hq with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-96H-3**  
**Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	IGS OPERATOR	96H1O	PFC		1	1	2	2	2	2	3	3		1. Grades of additional positions will be in same pattern.
2	IGS OPERATOR	96H1O	SPC		1	1	2	2	2	3	3	3	4	2. Grading pattern will be used for all positions not specifically identified in any other line.
3	IGS OPERATOR	96H2O	SGT		1	1	1	1	1	1	1	2	2	3. All sections in USAG Acty.
4	IGS SERGEANT	96H3O	SSG						1	1	1	1	1	
5	IGS OPERATOR	96H1O	SPC		1	1	2	3	3	3	4	4	5	1. Grades of additional positions will be in same pattern. 2. Joint, Joint Sp Ops Cmd and USA Elm of SHAPE Hq will be graded using this table.
6	IGS OPERATOR	96H2O	SGT		1	1	1	1	1	2	2	2	3	3
7	IGS SERGEANT	96H3O	SSG			1	1	1	1	1	1	1	1	
8	SR IGS SERGEANT	96H4O	SFC							1	1	1	1	
9	SR IGS SERGEANT	96H4O	SFC											MI Enls Career Br of U.S. Total Army Personnel Command.
10	PLATOON SERGEANT	96H4O	SFC											Principal NCO in MI Plt Hq Sec when MOS 96H is predominant MOS.
11	DETACHMENT SER-GEANT	96H4O	SFC											Principal NCO in MI Co Det Hq Sec with 75 or less soldiers.
12	FIRST SERGEANT	96H5M	1SG											Principal NCO in MI Co Hq Sec with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-96R-1**  
**Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Constantly loads bears 60 pounds and walks 1-5 miles.
2	1, 2, 3, 4, 5, 6,	2. Frequently lifts 55 pounds and carries 100 feet.
3	2, 3, 4, 5, 6	3. Must possess normal color vision.
3	2, 3, 4, 5, 6	4. Frequently visually observes dials, meters and gauges to monitor equipment performance.
4	3, 4, 5, 6	5. Must be able to hear a wide range of sound frequencies through the use of headphones.
5	3	6. Must possess finger dexterity in both hands.

**Table 10-96R-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	GSS OPERATOR	96R1O	PFC			1	1	1	1	2	2	2	2	1. Grades of additional positions will be in same pattern.
2	GSS OPERATOR	96R1O	SPC	1	1	1	2	3	3	3	4	5	5	2. Grading pattern will be used for all positions not specifically identified in any other line.
3	GSS OPERATOR	96R2O	SGT		1	1	1	1	2	2	2	2	3	3. Driver positions will be graded PFC.
4	GSS SERGEANT	96R3O	SSG											Principal GSS NCO in: a. GSS Squad b. GSR Section. c. Tac CP in HHC of Div. d. REMBASS Tm in MI Bn of Div.
5	SENIOR GSS SER-GEANT	96R4O	SFC											Principal Sr GSS NCO in S3 Sec of MI Bn all Div's.
6	PLATOON SERGEANT	96R4O	SFC											Principal NCO in MI Plt Hq Sec when MOS 96R is predominant MOS.
7	DETACHMENT SER-GEANT	96R4O	SFC											Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 96R is the predominant MOS.
8	FIRST SERGEANT	96R5M	1SG											1. Principal NCO of MI Co Hq Sec with 75 or more soldiers. 2. Principal NCO in Co Hq of MI Co (DS) (AASLT, Abn and LID).

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponents (TOE Combat Developers) will coordinate with appropriate Branch personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-96R-3**  
**Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	GSS OPERATOR	96R1O	PFC			1	1	2	2	2	2	3	3	1. Grades of additional positions will be in same pattern.
2	GSS OPERATOR	96R1O	SPC		1	1	2	2	2	3	3	3	4	2. Grading pattern will be used for all positions not specifically identified in any other line.
3	GSS OPERATOR	96R2O	SGT	1	1	1	1	1	1	1	2	2	2	3. All sections in USAG Acty.
4	GSS SERGEANT	96R3O	SSG						1	1	1	1	1	
5	GSS OPERATOR	96R2O	SGT				1	2	2	3	3	4	4	1. Grades of additional positions will be in same pattern.
6	GSS SERGEANT	96R3O	SSG	1	1	2	2	2	2	2	3	3	4	2. AC/RC support positions will be graded using this table.
7	SR GSS SERGEANT	96R4O	SFC		1	1	1	1	2	2	2	2	2	
8	SR GSS SERGEANT	96R4O	SFC											MI Enl Career Br of U.S. Total Army Personnel Command.
9	PLATOON SERGEANT	96R4O	SFC											Principal NCO in Plt Hq Sec when MOS 96R is the predominant MOS.

**Table 10-96R-3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
10 FIRST SERGEANT	96R5M	1SG													Principal NCO in MI Co Hq Sec with 75 or more soldiers.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-96U-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Occasionally lifts 50 pounds and carries 4-10 feet.
2	1, 2, 3	2. Frequently sits for a period of 4 hours duration.
3	2, 3	3. Frequently visually observes dials, gauges, and video screens to monitor vehicle performance.

**Table 10-96U-2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1 UAV OPERATOR	96U1O	PFC			1	1	2	2	2	2	3	3			1. Grades of additional positions will be in same pattern.
2 UAV OPERATOR	96U1O	SPC		1	1	2	2	2	2	3	3	4			2. Grading pattern will be used for all positions not specifically identified in any other line.
3 UAV OPERATOR	96U2O	SGT	1	1	1	1	1	1	2	2	2	2			3. Driver positions will be graded PFC.
4 UAV SERGEANT	96U3O	SSG							1	1	1	1			
5 UAV SERGEANT	96U3O	SSG													1. Principal Unidentified aerial vehicle (UAV) NCO in: a. S3 Sec in MI Bn of Div. b. Coll Mgt Sec in ACE Sec of MI Bn (Corps). 2. Shf Ldr in Msn Plan Sec in UAV Co of MI Bde (Corps) (second UAV position will be graded SPC).
6 SENIOR UAV SERGEANT	96U4O	SFC													Principal Sr UAV NCO in: a. S3 Sec in MI Bn (AEB) Corps. b. S3 Sec in MI Bn (UAV).
7 PLATOON SERGEANT	96U4O	SFC													Principal NCO in MI Plt Hq Sec when MOS 96U is predominant MOS.
8 DETACHMENT SERGEANT	96U4O	SFC													Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 96U is predominant MOS.
9 FIRST SERGEANT	96U5M	1SG													Principal NCO in MI Co Hq Sec with 75 or more soldiers.

Notes:

1. \*Blank spaces in this column indicate not applicable.

2. When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

3. When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-96U-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	UAV OPERATOR	96U1O	PFC			1	1	2	2	2	2	3	3	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line. 3. All sections in USAG Acty.  MI Enls Career Br of U.S. Total Army Personnel Command.  Principal NCO in MI Plt Hq Sec when MOS 96U is predominant MOS.  Principal NCO in MI Co Hq Sec with 75 or more soldiers.
2	UAV OPERATOR	96U1O	SPC		1	1	2	2	2	3	3	3	4	
3	UAV OPERATOR	96U2O	SGT	1	1	1	1	1	1	1	2	2	2	
4	UAV SERGEANT	96U3O	SSG					1	1	1	1	1		
6	SR UAV SERGEANT	96U4O	SFC											
7	PLATOON SERGEANT	96U4O	SFC											
8	FIRST SERGEANT	96U5M	1SG											

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-96Z-1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2	1. Occasionally writes and compiles data. 2. Frequently provides verbal briefings.

**Table 10-96Z-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	INTELLIGENCE SR SGT	96Z5O	SGM	Principal NCO in: a. ACE Hq in MI (Ops) Bn of Corps. b. G2 Sec in HHC of Div a Corps and/or TA. c. Intel Ctr Ops Sec in HHC of MI Bn (Ops)(EAC).

Notes:

- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and non-TRADOC specified proponents (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-96Z-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	INTELLIGENCE SR SGT	96Z5O	SGM	Principal NCO in: a. DCSINT of USA Sp Ops Cmd. b. J2 Sec in USA Elm of Sp Ops Cmd.

Notes:

- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-97B-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5	1. Occasionally lifts 50 pounds and carries 50 feet.
2	1, 2, 3, 4, 5	2. Frequently reviews documents.
3	1, 2, 3, 4, 5	3. Must possess finger dexterity in both hands.
4	2, 3, 4, 5	4. Occasionally stands, stoops, and kneels while filing.
5	2, 3, 4, 5	5. Occasionally writes to keep records and compiledata.

**Table 10-97B-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes				
				1	2	3	4	5	6	7	8	9	10					
1	CI AGENT	97B1O 97B1ON7	PFC		1	1	1	2	2	2	3	3						1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI.
2	CI AGENT	97B1O 97B1ON7	SPC		1	1	1	2	2	2	3	3	4					2. ASI will not be graded separately.
3	CI AGENT	97B2O 97B2ON7	SGT			1	1	1	1	1	2	2	2					3. Grading pattern will be used for used for all positions not specifically identified in any other line.
4	CI SERGEANT	97B3O 97B3ON7	SSG						1	1	1	1	1					4. Driver positions will be graded PFC.
<b>Reserve Linguist (97BL) Only</b>																		
5	CI AGENT	97B1L	SPC		1	1	1	2	2	2	3	3	3					1. Grades of additional positions will be in same pattern.
6	CI AGENT	97B2L	SGT		1	1	1	2	2	2	2	2	3	4				2. Grading pattern will be used for all RC CI Agent Linguist positions when not provided by any other line.
7	CI SERGEANT	97B3L	SSG			1	1	1	2	2	2	2	2					3. Grade SFC authorized in all linguist teams with four or more subordinate soldiers when no commissioned or warrant officer provided for.
8	SR CI SERGEANT	97B4L	SFC							1	1	1	1					
9	CI AGENT	97B2O	SGT															Principal CI Agent in: a. Ops and Intel Sec in Rear Ops Ctr of Corps (second position graded SPC). b. S2 Sec in: (a) HHC of MI Bde (EAC). (b) HHC of SF or PSYOP Gp (use with SQI S). 3. Decep & Plans Br in HHC of TA. 4. Lang Spt and/or MOS Spt Sec (MTOE) of MI Bn (Ling). 5. Read and Mob Div in HHC of Sig Cmd.

**Table 10-97B-2**  
**Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
10	CI SERGEANT	97B3O 97B3ON7	SSG												1. Principal CI NCO in: a. S2 Sec in: (1) HHD of MI Bde (Corps). (2) HHC of Rgr Rgt (second CI position will be graded SGT). b. S2 or S3 Sec in HHC of TE Bn (Corps). c. S3 Sec in: (1) HHC of MI Bn all Div's. (2) HHC of MI Bn (Ling). d. CI Sec in MI Det of SF Bn (use with SQI S). e. CI Ops Mgt Tm in CI Plt of TE Bn. f. DCSINT Intel Tm in Hq USAREUR. g. CI Br in HHC of TA. h. CI Tm in: (1) DS Co of MI Bn (Div) provided two or more subordinate soldiers are auth. (2) Sep Bde and ACR. (3) HHC of CMISE (EAC). i. Hq Tm in CI Elm of MI Bn (EAC). j. CI Sp Ops Tm in HHC of MI (CI) Bn (EAC) provided two or more subordinate soldiers are auth. k. CI Inv Tm in MI (CI) Bn (EAC) provided two or more subordinate soldiers are auth. l. TSCM Tm (EAC). DASE position will be graded SSG with ASI G9. Subsequent DASE positions will be graded SGT with ASI G9. m. Ops Intel Sec in Rear Ops Ctr of Div. n. Res Ofc in MI Bn (EAC) provided two or more subordinate soldiers are auth. o. Host Nation Spt Tm in MI Bn (EAC). 2. All sections of MI Gp in USA Elm of SHAPE Hq (second CI position will be graded SFC and subsequent CI positions will be graded SSG).
11	SR CI SERGEANT	97B4O 97B4ON7	SFC												1. Principal CI NCO in: a. G2 Intel Cell in HHC of Corps (second CI position will be graded SGT). b. Aslt Hel Bn of Sp Ops Avn Regt (second 97B CI position will be graded SSG). Use with SQI S. c. CI Sec in MI Det of SF Gp (second CI position will be graded SGT). Use with SQI S. d. CI/HUMINT Div in HHC of TA. e. CI Fld Ofc Det Hq of MI Bn (EAC). f. Poly QC Br in MI Gp (EAC). Poly position will be graded with ASI P8. g. S3 MI Gp and/or Bde (EAC). Second position will be graded SGT. h. Combined S2/S3 Sec of an MI Bn (EAC). i. Hq Sp Ops Elm in CI Bn (EAC). j. Hq Sec in Inves Elm in HHC of MI Bn (EAC). k. S3 Sec of MI (CI/CE) Bn (EAC). l. HUMINT/CI Tm in ACE Sec of MI Bn (Div and/or Corps). m. G2 Div of Rear Ops Ctr in HHC of Corps. n. G2 Fwd Elm of Sig Cmd. 2. All sections every 11th MOS 97B CI position will be graded SFC (EAC only).
12	PLATOON SERGEANT	97B4O	SFC												Principal NCO in MI Plt Hq Sec when MOS 97B is predominant MOS.
13	DETACHMENT SERGEANT	97B4O	SFC												Principal NCO of MI Det Hq Sec with 75 or less soldiers when MOS 97B is predominant MOS.
14	CH CI SERGEANT	97B5O	MSG												Principal NCO in S3 Sec of MI Gp supporting USA Elm in SHAPE Hq.
15	FIRST SERGEANT	97B5M	1SG												Principal NCO in MI Co Hq Sec with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-97B-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	CI AGENT	97B1O 97B1ON7 97B1OS7	PFC			1	1	2	2	2	2	3	3		1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI. 2. ASI will not be graded separately.
2	CI AGENT	97B1O 97B1ON7 97B1OS7	SPC		1	1	2	2	2	2	3	3	3	4	3. Grading table will be used for all positions not specifically identified in other any other line. 4. All sections in USAG Acty.
3	CI AGENT	97B2O 97B2ON7 97B2OS7	SGT	1	1	1	1	1	1	1	1	2	2	2	5. Strat Debrief and Intergr positions will be coded with ASI N7. 6. Foreign CI positions will be coded with ASI S7.
4	CI SERGEANT	97B3O 97B3ON7 97B3OS7	SSG						1	1	1	1	1	1	
5	CI AGENT	97B1O	SPC		1	1	2	3	3	3	3	4	4	5	1. Grades of additional positions will be in same pattern.
6	CI AGENT	97B2O	SGT	1	1	1	1	1	2	2	2	3	3	3	2. Joint, Joint Sp Ops Cmd and USA Elm in SHAPE Hq will be graded using this table.
7	CI SERGEANT	97B3O	SSG			1	1	1	1	1	1	1	1	1	
8	SR CI SERGEANT	97B4O	SFC							1	1	1	1	1	
9	CI AGENT	97B1O	SPC			1	1	1	2	2	2	3	3	3	1. Grades of additional positions will be in same pattern.
10	CI AGENT	97B2O	SGT		1	1	2	2	2	2	2	3	3	4	2. All positions in DOD, DIA and DSA elements will be graded using this table.
11	CI SERGEANT	97B3O	SSG	1	1	1	1	1	1	1	2	2	2	2	
12	SR CI SERGEANT	97B4O	SFC					1	1	1	1	1	1	1	
13	CI AGENT	97B2O	SGT				1	2	2	3	3	4	4	4	1. Grades of additional positions will be in same pattern.
14	CI SERGEANT	97B3O	SSG	1	1	2	2	2	2	2	2	3	3	4	2. AC/RC Support positions will be graded using this table.
15	SR CI SERGEANT	97B4O	SFC	1	1	1	1	2	2	2	2	2	2	2	
16	CI AGENT	97B2O	SGT		1	2	2	2	3	4	4	5	6	6	1. Grades of additional positions will be in same pattern.
17	CI SERGEANT	97B3O	SSG	1	1	1	2	2	2	2	2	3	3	3	2. On-Site Insp Agcy will be graded using this table.
18	SR CI SERGEANT	97B4O	SFC					1	1	1	1	1	1	1	
19	CI SERGEANT	97B3O 97B3OS7	SSG												Principal CI NCO in: 1. Scty Div in SETAF Hq. 2. Intel/Ops Div of Sp Ops Cmd. 3. OC Tm of USA Sp Ops Tng Det. 4. Host Nation Spt Tm of MI Bn (EAC). 5. CI Sec and/or Tm of MI Bn (EAC). 6. Plans, Read & Tng Sec of MI Bn (EAC). 7. TSCM Tm of MI Bn (EAC). DASE position will be graded SSG with ASI G9. Subsequent DASE positions will be graded SGT with ASI G9. 8. All sections in MI Det of SHAPE Hq (second CI position in S3 Sec also graded SSG). 9. CI/Terro Sec in USA Elm of CENTCOM. 10. Res Ofc of CI Bn (EAC) (second CI position will be graded SPC). 11. Det in USA Fgn CI Acty. 12. Ops Spt Sec in USA Sp Acty Mgmt unit. 13. IW/C2W Ops Div and Fld Spt Br in Hq of USA LIWA. 14. SSO in Hq of AMC.

**Table 10-97B-3**  
Standards of grade TDA—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
20	SR CI SERGEANT	97B4O 97B4OS7	SFC												1. Principal Sr CI NCO in: a. S3 Sec in MI Det of SHAPE Hq. b. Plans Div of USA Exer Spt Agcy (subsequent CI positions will be graded SSG). c. Admin and Scy Sec of USA Sp Proj Spt Acty. d. Site Based Accred Sec of MI Bn (EAC). e. CI Elm Hq Tm in HHC of MI Bn (EAC). f. CI Fld Ofc Tm in HHC of MI Bn (EAC). g. Ofc of the Cdr in USA Fgn CI Acty. h. Det 15 of the Fgn CI Acty. i. Con Spt Det of CI Spt Bn (EAC). 2. All sections every 15th MOS 97B CI position will be graded SFC.
21	PLATOON SERGEANT	97B4O	SFC												Principal NCO in MI Plt Hq Sec when MOS 97B is predominant MOS.
22	DETACHMENT SER- GEANT	97B4O	SFC												Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 97B is the predominant MOS.
23	CH CI SERGEANT	97B5O	MSG												Principal Ch CI NCO in: 1. G2 Sec in HHC of SF Command. 2. S3 Sec in HHC of MI (CI) Bn (EAC). Second CI position will be graded SSG.
24	FIRST SERGEANT	97B5M	1SG												Principal NCO in MI Co Hq Sec with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-97E-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7, 8	1. Occasionally lifts 20 pounds and carries 20 feet.
2	1, 2, 3, 4, 5, 6, 7, 8	2. Frequently sits for a period of 4 hours duration.
3	1, 2, 3, 4, 5, 6, 7, 8	3. Must possess normal color vision.
4	2, 3, 4, 5, 7, 8	4. Constantly reviews documents.
5	2, 3, 4, 5, 7, 8	5. Must be able to hear a wide range of human voice tones. 6. Must possess finger dexterity in both hands. 7. Occasionally stands, stoops, and kneels while filing. 8. Occasionally writes to keep records and compile data.

**Table 10-97E-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	INTERROGATOR	97E1L 97E1LN7	SPC	1	2	2	3	4	4	5	6	6	6	1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI.
2	INTERROGATOR	97E2L 97E2LN7	SGT	1	1	1	1	1	1	2	2	2	2	2. ASI will not be graded separately.
3	INTERROGATION SER-GEANT	97E3L 97E3LN7	SSG			1	1	1	1	1	1	1	1	3. Grading pattern will be used for all positions not specifically identified in any other line.
4	SR INTERROGATION SGT	97E4L 97E4LN7	SFC										1	4. Driver positions will be graded SPC.

**Reserve Linguist only**

5	INTERROGATOR	97E1L	SPC	1	1	1	2	2	2	3	3	3	3	1. Grades of additional positions will be in same pattern.
6	INTERROGATOR	97E2L	SGT	1	1	1	2	2	2	2	2	3	4	2. Grading pattern will be used for all RC linguist positions when not provided by any other line.
7	INTERROGATION SER-GEANT	97E3L	SSG			1	1	1	2	2	2	2	2	3. Grade SFC authorized in all linguist teams with four or more subordinate soldiers when no commissioned or warrant officer not provided for.
8	SR INTERROGATION SGT	97E4L	SFC							1	1	1	1	
9	INTERROGATION SER-GEANT	97E3L	SSG											Principal Interrogation NCO in: a. ASPS/CM&D in MI Det of SF Gp (second Intgrn position will be graded SPC). Use with SQI S. b. S2 Sec of PSYOPS Bn (use with SQI S). c. S3 Sec of MI Bn (Ling).
10	SR INTERROGATION SGT	97E4L	SFC											Principal Sr Interrogation NCO in: a. S2 Sec in HHC of PSYOPS Gp (use with SQI S). b. Inter Tm in MI Det of SF Gp (use with SQI S). c. S3 Sec of MI Bn (EAC).
11	PLATOON SERGEANT	97E4L	SFC											Principal NCO in MI Plt Hq Sec when MOS 97E is predominant MOS.
12	CH INTERROGATION SGT	97E5L	MSG											Principal NCO in: a. S3 Sec in TE Bn of Corps. b. G2 Sec of MP EPW Cmd. c. MI Det Hq in Spt Co of SF Gp (use with SQI S).
13	FIRST SERGEANT	97E5M	1SG											Principal NCO in MI Co Hq Sec with 75 or more soldiers.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-97E-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	INTERROGATOR	97E1L 97E1LN7	SPC		1	2	3	3	4	4	5	6	6	6	1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI.
2	INTERROGATOR	97E2L 97E2LN7	SGT		1	1	1	1	1	1	2	2	2	2	2. ASI will not be graded separately. 3. Grading pattern will be used for all positions not specifically identified in any other line.
3	INTERROGATION SER-GEANT	97E3L 97E3LN7	SSG					1	1	1	1	1	1	1	4. All sections in USAG Acty. 5. Strat Debriefing and Interrogation positions will be coded with ASI N7.
4	SR INTERROGATION SGT	97E4L 97E4LN7	SFC										1		
5	INTERROGATOR	97E1L	SPC		1	1	2	3	3	3	4	4	5		1. Grades of additional positions will be in same pattern.
6	INTERROGATOR	97E2L	SGT		1	1	1	1	1	2	2	2	3	3	2. Joint, Joint Sp Ops Cmd and USA Elm in SHAPE Hq will be graded using this table.
7	INTERROGATION SER-GEANT	97E3L	SSG			1	1	1	1	1	1	1	1	1	
8	SR INTERROGATION SGT	97E4L	SFC							1	1	1	1		
9	INTERROGATOR	97E1L	SPC			1	1	1	2	2	2	3	3		1. Grades of additional positions will be in same pattern.
10	INTERROGATOR	97E2L	SGT			1	1	2	2	2	2	3	3	4	2. DoD, DIA and DSA elements will be graded using this table.
11	INTERROGATION SER-GEANT	97E3L	SSG		1	1	1	1	1	1	2	2	2	2	
12	SR INTERROGATION SGT	97E4L	SFC					1	1	1	1	1	1		
13	INTERROGATOR	97E2L	SGT			1	2	2	2	3	4	4	5	6	1. Grades of additional positions will be in same pattern.
14	INTERROGATION SER-GEANT	97E3L	SSG		1	1	1	2	2	2	2	3	3	3	2. On-Site Insp Agcy will be graded using this table.
15	SR INTERROGATION SGT	97E4L	SFC					1	1	1	1	1	1		
16	INTERROGATOR	97E2L	SGT					1	2	2	3	3	4	4	1. Grades of additional positions will be in same pattern.
17	INTERROGATION SER-GEANT	97E3L	SSG		1	1	2	2	2	2	2	3	3	4	2. AC/RC Spt positions will be graded using this table.
18	SR INTERROGATION SGT	97E4L	SFC		1	1	1	1	2	2	2	2	2	2	
19	SR INTERROGATION SGT	97E4L	SFC												Principal Sr Interrogation NCO in: a. EUCOM NATO School & Marshall Center. b. Lang Pgm Coord Sec of DLI.
20	PLATOON SERGEANT	97E4L	SFC												Principal NCO of MI Plt Hq Sec when MOS 97E is predominant MOS.
21	DETACHMENT SER-GEANT	97E4L	SFC												Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 97E is the predominant MOS.
22	CH INTERROGATION SGT	97E5L	MSG												Principal Ch Interrogation NCO in SERE Co of JFKSWC & Sch.
23	FIRST SERGEANT	97E5M	1SG												Principal NCO in MI Co Hq Sec with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When organizations are supported with additional and/or dual line TDA positions, augmentation (A) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-97G-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Occasionally lifts and lowers 436 pounds as part of a 2 soldier team (prorated 218 pounds).
2	1, 2, 3, 4, 5, 6	2. Occasionally pushes and pulls 1040 pounds 4 feet as part of a 2 soldier team (prorated 520 pounds).
3	1, 2, 3, 4, 5, 6	3. Must possess red/green color discrimination.
4	3, 4, 5, 6	4. Must possess finger dexterity in both hands.
5	3, 6	5. Must be able to hear a wide range of sound frequencies through headphones. 6. Frequently writes reports and compiles data.

**Table 10-97G-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	C/SIGINT clk C/SIGINT sp C/SIGINT montr	97G1O	PFC				1	2	2	2	3	3	3	Grades of additional positions will be in same pattern and applied cumulatively to all positions in same paragraph.
2	C/SIGINT sp Doc reviewer Scty analyst C/SIGINT rept	97G1O	SPC		1	2	2	2	2	2	2	2	2	
3	C/SIGINT sgt C/SIGINT brfr COMSEC NCO Team ch	97G2O	SGT	1	1	1	1	1	1	2	2	2	2	
4	C/SIGINT sgt Team chief	97G3O	SSG						1	1	1	2	3	
5	C/SIGINT sp	97G1O	SPC		1									Btflfd Decep Elm of MI Bn in support of Div.
6	C/SIGINT sgt	97G2O	SGT	1	1									
7	C/SIGINT sp	97G1O	SPC			1	2	2	2	3	4	4	4	Sp Ops (SOF) unit.
8	C/SIGINT sgt	97G2O	SGT	1	1	1	1	2	2	2	2	3		
9	C/SIGINT sgt	97G3O	SSG	1	1	1	1	2	2	2	2	3	3	
10	C/SIGINT sgt	97G3O	SSG											Plans/Ops Sec in Btflfd Decep Elm of MI Bde in support of Corps and MI Bn in support of Div.
11	Team chief	97G3O	SSG											Principal NCO in Commo Sig Tm of Btflfd Decep Elm MI Bn in support of Div.
12	Operations sergeant	97G3O	SSG											1. Ops Sec of MI OPSEC unit. 2. C/SIGINT.
13	Operations sergeant	97G4O	SFC											1. Special Staff of MI Bn. 2. OPSEC Mgt Analysis Sec of Div Hq.
14	C/SIGINT sgt	97G4O	SFC											Principal C/SIGINT NCO in: a. C/SIGINT Acty with 15 or more C/SIGINT soldiers of lower grades, except in Plt where platoon sergeant is already authorized. b. COMSEC or OPSEC branch of INSCOM unit.
15	Platoon sergeant	97G4O	SFC											Principal NCO in C/SIGINT Plt Hq.
16	Operations NCO	97G4O	SFC											1. Plans/operations section of battlefield deception element of MI brigade supporting corps. 2. Principal NCO of battlefield deception element of MI Bn supporting a div.
17	Operations NCO	97G5O	MSG											Principal NCO of Btflfd Decep Elm of MI Bde supporting corps.
18	C/SIGINT ch	97G5O	MSG											Principal C/SIGINT NCO in Gen Stf Sec of MI Gp, Bde, or TA Hq.

**Table 10-97G-2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
19	First sergeant	97G5M	1SG													Principal NCO in MI Co with 75 or more soldiers when predominate MOS is 97G.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-97G-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	C/SIGINT clk C/SIGINT sp C/SIGINT montr	7G1O	PFC				1	2	2	2	3	3	3			Grades of additional positions will be in same pattern and applied cumulatively to all positions in the paragraph.
2	C/SIGINT sp Doc reviewer Scty analyst C/SIGINT rept	97G1O	SPC		1	2	2	2	2	2	2	2	2			
3	C/SIGINT sgt C/SIGINT brfr COMSEC NCO Team ch	97G2O	SGT	1	1	1	1	1	1	2	2	2	2			
4	C/SIGINT sgt Team chief	97G3O	SSG						1	1	1	2	3			
5	COMSEC anal	97G2O	SGT			1	1	1	2	2	2	3	3			CONUS MI Bde, INSCOM.
6	COMSEC anal	97G3O	SSG			1	1	1	2	2	2	3	3	3		
7	Sr COMSEC anal	97G4O	SFC	1	1	1	2	2	2	3	3	3	4			
8	C/SIGINT sgt	97G4O	SFC													1. C/SIGINT Acty with 15 or more C/SIGINT soldiers in lower grades, except in Platoon where platoon sergeant is already authorized. 2. COMSEC or OPSEC Br of INSCOM unit.
9	Platoon sergeant	97G4O	SFC													Principal NCO in C/SIGINT Plt Hq.
10	C/SIGINT ch	97G5O	MSG													Principal C/SIGINT NCO in: a. Gen Stf Sec in Hq of INSCOM. b. Joint Acty for supervision of C/SIGINT functions.
11	First sergeant	97G5M	1SG													Principal NCO in MI Co.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-97L-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Occasionally lifts and carries 50 pounds 3 feet.
2	1, 2, 3	2. Frequently sits for a period of 4 hours duration.
3	2, 3	3. Must be able to hear a wide range of human voice tones.
4	2, 3	

**Table 10-97L-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	INTERPRETER/TRANSLATOR	97L1L	SPC		1	1	1	2	2	2	3	3	3	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	INTERPRETER/TRANSLATOR	97L2L	SGT		1	1	1	2	2	2	2	3	4	3. Grade SFC authorized in all linguist teams with four or more subordinate soldiers when no commissioned or warrant officer provided for.
3	INTPR/TLTR SGT	97L3L	SSG			1	1	1	2	2	2	2	2	4. Driver positions will be graded SPC.
4	SR INTPR/TLTR SGT	97L4L	SFC							1	1	1	1	
5	INTPR/TLTR SGT	97L3L	SSG											Principal Sr Intpr/Tltr NCO in (MTOE only) Lang Spt and/or MOS Spt Sec of MI Bn (Ling).
6	PLATOON SERGEANT	97L4L	SFC											Principal NCO in MI Plt when MOS 97L is predominant MOS.
7	DETACHMENT SERGEANT	97L4L	SFC											Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 97L is predominant MOS.
8	CH INTPR/TLTR SGT	97L5L	MSG											Principal NCO in S3 Sec of MI Bn (Ling).
9	FIRST SERGEANT	97L5M	1SGT											Principal NCO in MI Co Hq Sec with 75 or more soldiers.

Notes:

<sup>1</sup> Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-97L-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<b>Reserve Component only</b>														
1	INTERPRETER/TRANSLATOR	97L1L	SPC		1	1	1	2	2	2	3	3	3	1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	INTERPRETER/TRANSLATOR	97L2L	SGT		1	1	1	2	2	2	2	3	4	
3	INTR/TLTR SGT	97L3L	SSG			1	1	1	2	2	2	2	2	
4	SR INTR/TLTR SGT	97L4L	SFC							1	1	1	1	
5	PLATOON SERGEANT	97L4L	SFC											Principal NCO in MI Plt when MOS 97L is predominant MOS.
6	DETACHMENT SERGEANT	97L4L	SFC											Principal NCO in MI Det Hq Sec with 75 or less soldiers when 97L is the predominant MOS.
7	FIRST SERGEANT	97L5M	1SG											Principal NCO in MI Co Hq Sec with 75 or more soldiers.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in Ar 600-3) to support additional manpower grading requirements.

**Table 10-97Z-1  
Physical requirements**

Skill level	Task numbers	Tasks
5	1, 2	1. Occasionally writes and compiles data. 2. Frequently provides verbal briefings.

**Table 10-97Z-2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Explanatory notes
1	CI/HUMINT SR SERGEANT	97Z5O	SGM	Principal NCO in: a. S3 Sec of MI Gp and MI Bde (EAC). b. HHC of MP EPW Cmd.

Notes:

<sup>1</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.

<sup>2</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-97Z-3**  
Standards of grade TDA

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
No Action Required														

**Table 10-98C-1**  
Physical requirements

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts 62 pounds and carries 10 feet.
2	1, 2, 3, 4, 5	2. Must possess finger dexterity in both hands.
3	1, 2, 3, 4, 5	3. Constantly reviews documents.
4	2, 3, 4, 5	4. Frequently writes reports and compiles data. 5. Frequently provides verbal briefings.

**Table 10-98C-2**  
Standards of grade TOE/MTOE

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	SIGINT ANALYST	98C1O 98C1OT9 98C1O2T	PFC		1	1	2	2	2	2	2	2	3	1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI. 2. ASI will not be graded separately.
2	SIGINT ANALYST	98C1O 98C1OT9 98C1O2T	SPC	1	1	1	2	2	2	3	3	4	4	3. Grading pattern will be used for all positions not specifically identified in any other line. 4. Driver positions will be graded PFC.
3	SIGINT ANALYST	98C2O 98C2OT9 98C2O2T	SGT		1	1	1	1	1	1	2	2	2	5. TENCAP positions will be coded with ASI 2T. 6. Cryptanalyst positions will be coded with ASI T9.
4	SIGINT SERGEANT	98C3O 98C3OT9 98c3O2T 98C3O1F	SSG						1	1	1	1	1	

**Table 10–98C–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
5	SIGINT ANALYST	98C1O 98C1O2T	PFC										1	1	2	1. All sections in Sp Ops Cmd will be graded by this table. 2. Use with SQI S.
6	SIGINT ANALYST	98C1O 98C1O2T	SPC		1	1	1	2	3	4	4	4	4			
7	SIGINT ANALYST	98C2O 98C2O2T	SGT	1	1	1	2	2	2	2	2	3	3			
8	SIGINT SERGEANT	98C3O 98C3O2T	SSG			1	1	1	1	1	1	1	1			
<b>Reserve Linguist (98CL) Only</b>																
9	SIGINT ANALYST	98C1L	SPC		1	1	1	2	2	2	3	3	3			1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all linguist positions when not provided by any other line.
10	SIGINT ANALYST	98C2L	SGT	1	1	1	2	2	2	2	3	4				3. Grade SFC authorized in all linguist teams with four or more subordinate soldiers when no commissioned or warrant officer provided for.
11	SIGINT SERGEANT	98C3L	SSG			1	1	1	2	2	2	2				
12	SR SIGINT SERGEANT	98C4L	SFC								1	1	1			
13	SIGINT ANALYST	98C2O	SGT													Principal SIGINT Analyst in: a. CM&D Sec in HHC of Sep Bde. b. MI Ln Tm of Sep Bde (not geographically co-located with supporting MI DS Co). c. Tarex Tm of MI Bn (EAC). d. Coll Mgt Tm of CMISE Hq (EAC). e. EW Spt Sec of G2 in HHC of ADCOM. f. Ops Sec and Flt Ops Sec in Avn Co (Crazyhorse) of MI Bn (EAC).
14	SIGINT SERGEANT	98C3O 98C3OT9 98C3O1F	SSG													Principal SIGINT NCO in: a. EW/FS Cell in HHC of all Div's. b. SIGINT Tm in ACE Sec of HHOC of MI Bn all Div and/or MI Co of ACR and Sep Bde. c. T&A Tm in MI Bn of Div and MI Co of Sep Bde and ACR. d. TCAE Sec in MI Det of SF Bn (use with SQI S). e. DCSINT Intel Tm in HHC of TA. f. Coll Sec in MI Co of SIG INTEL (EAC). g. TC&P Sec in ACE Sec in MI Co of ACR and Sep Bde. h. SIGINT Tm of MI Bn (EAC). i. EW Br in HHC of TA. j. Coll Mgt Sec in TCAE of MI Bn (EAC). k. SIGINT Tm & Ops Analysis Tm in CMISE (EAC). l. Rpt & Analysis Tm in Ops and Analysis Co of MI Bn (TEB) of Corps.
15	SR SIGINT SERGEANT	98C4O 98C4OT9 98C4O1F	SFC													1. Principal Sr SIGINT NCO in: a. TC&P Sec Hq in ACE Sec in HHOC of MI Bn of Div (use with ASI 1F). When no TC&P Sec Hq exists grade SFC will be authorized in SIGINT Tm. b. Coll Msn Mgt Tm in ACE Sec of MI Bn (Corps). c. S3 Sec in: (1) MI Bn (ARB). (2) HHD of MI Bde (Corps). d. S2/3 Sec in EACIC. e. SIGINT Tm in: (1) ACE Sec of MI Bn (Corps). (2) Tech Analysis and Proc Co of MI Bn (Corps). (3) EACIC. Use with ASI 1F. f. Coll Mgt & Dissem Sec of MI Bn (EAC). g. TCAE Sec in MI Det of SF Gp (use with SQI S). h. Coll Sec in Ops Plt Hq Sec in Avn Co of AEB (Corps). 2. All sections every 12th MOS 98C SIGINT position will be graded SFC.
16	PLATOON SERGEANT	98C4O	SFC													Principal NCO in a Plt Hq Sec when MOS 98C is predominant MOS.
17	DETACHMENT SER-GEANT	98C4O	SFC													Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 98C is the predominant MOS.

**Table 10–98C–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
18	CH SIGINT SERGEANT	98C5O 98C5O1F	MSG													Principal SIGINT NCO in: a. S3 Sec of MI Bn (Corps). b. TC&P Hq in Analysis and Con Co of Ops Bn (Corps) use with ASI 1F when TC&P Hq is not required grade MSG will be authorized in the SIGINT Tm). c. TCAE Hq Sec of MI Bn (EAC). d. Coll Mgt/Analysis Sec in MI Co (SIG INTEL) of EAC. e. Ops Sec in Tech Analysis & Proc Co of MI Bn (Corps). f. Ops & Tech Mgt Hq in Ops & Analysis Co of MI Bn (TEB) (Corps).
19	FIRST SERGEANT	98C5M	1SG													Principal NCO in MI Co Hq Sec with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–98C–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes								
				1	2	3	4	5	6	7	8	9	10									
1	SIGINT ANALYST	98C1O 98C1OT9 98C1O2T	PFC			1	1	2	2	2	2	3	3			1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI. 2. ASI will not be graded separately.						
2	SIGINT ANALYST	98C1O 98C1OT9 98C1O2T	SPC			1	1	2	2	2	2	3	3			3. Grading pattern will be used for all positions not specifically identified in any other line. 4. All sections in USAG Acty. 5. TENCAP positions will be coded with ASI 2T. 6. Cryptanalysis positions will be coded with ASI T9.						
3	SIGINT ANALYST	98C2O 98C2OT9 98C2O2T	SGT			1	1	1	1	1	1	2	2	2								
4	SIGINT SERGEANT	98C3O 98C3OT9 98C3O2T	SSG									1	1	1	1							
5	SR SIGINT SERGEANT	98C4O 98C4OT9 98C4O2T	SFC													1						
6	SIGINT ANALYST	98C1O	SPC			1	1	2	3	3	3	4	4	5			1. Grades of additional positions will be in same pattern. 2. Joint, Joint Sp Ops Cmd and USA Elm of SHAPE Hq will be graded using this table.					
7	SIGINT ANALYST	98C2O	SGT			1	1	1	1	1	2	2	2	3	3							
8	SIGINT SERGEANT	98C3O	SSG					1	1	1	1	1	1	1								
9	SR SIGINT SERGEANT	98C4O 98C4O2T	SFC										1	1	1	1						
10	SIGINT ANALYST	98C1O	SPC					1	1	1	2	2	2	3	3			1. Grades of additional positions will be in same pattern. 2. All sections in DoD, DIA, and DSA elements will be graded using this table.				
11	SIGINT ANALYST	98C2O	SGT					1	1	2	2	2	2	3	3	4						
12	SIGINT SERGEANT	98C3O	SSG					1	1	1	1	1	1	2	2	2						
13	SR SIGINT SERGEANT	98C4O	SFC											1	1	1	1					
14	SIGINT ANALYST	98C2O	SGT								1	2	2	3	3	4	4		1. Grades of additional positions will be in same pattern. 2. AC/RC support positions will be graded using this table.			
15	SIGINT SERGEANT	98C3O	SSG					1	1	2	2	2	2	2	3	3	4					
16	SR SIGINT SERGEANT	98C4O	SFC												1	1	1	1	2	2	2	2

**Table 10-98C-3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
17	SIGINT ANALYST	98C2O	SGT	1	2	2	2	3	4	4	5	6	1. Grades of additional positions will be in same pattern. 2. On-Site Insp Agcy will be graded using this table.	
18	SIGINT SERGEANT	98C3O	SSG	1	1	1	2	2	2	2	3	3		
19	SR SIGINT SERGEANT	98C4O	SFC				1	1	1	1	1	1		
20	SIGINT SERGEANT	98C3O	SSG										Principal SIGINT NCO in: a. Watch Ofc and/or Ops Ctr of RSOC (subsequent SIGINT positions will be graded by lines 1-5). b. S3, Plans, and Tng Sec and/or Br of MI Bde or of RSOC (only one SIGINT position graded SSG per unit). c. Str Int or IEW Sec in RD&E Ctr of CECOM. d. IW Det of NSA (when no other SFC or SSG is authorized). e. Intel/CASIC Elm of U.S. Army Cbt Spt Coord Tm. f. Intcptr Analysis Sec of White Sands Msl Rng.	
21	SR SIGINT SERGEANT	98C4O	SFC										Principal Sr SIGINT NCO in: a. Prod Mgt Ofc and Watch Ofc and/or Ops Ctr of RSOC. Only one SIGINT position graded SFC per shift. b. ACofS for G2 of SF Cmd. c. Intel/Ops Div of USA Sp Ops Cmd. d. G2 Sec of Sp Ops Cmd. e. TAC Intel Div of USA Space Cmd. f. Joint SOF ATF (East or West). g. ORMA Sec of MI Bn and MI Bde (EAC). h. MI Enl Career Br of U.S. Total Army Personnel Command. i. Str Int or Av IEW Spt Sec of CECOM. j. DJI ATF West or East of MI Bde (EAC) (When no other SFC is authorized). k. TAA Sec and in F Gp of NSA. l. Exer Spt Cell in USA Elm (USAPAC). m. Btl Lab of U.S. Army Intelligence Center and Ft Huachuca (subsequent positions will be graded SSG).	
22	PLATOON SERGEANT	98C4O	SFC										Principal NCO in Plt Hq Sec when MOS 98C is predominant MOS.	
23	DETACHMENT SERGEANT	98C4O	SFC										Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 98C is the predominant MOS.	
24	CH SIGINT SERGEANT	98C5O	MSG										1. Principal SIGINT NCO in: a. G2 Sec of USAG--(Fort Riley). b. USA Elm of US Air Force Acty. c. USA Elm of Sp Acty Mgt Unit. d. Intel Div of USA Studies and Analysis Acty. e. SIGINT/EW Br in Force Mod Acty of USAINSCOM. f. Crypt Spt Gp in Hq of USAREUR. g. Stf Ofc of RSOC. h. S3 Sec of MI Bde. i. F Gp of NSA. 2. One SIGINT position graded MSG per every 50 MOS 98C soldiers in Gp Sec for NSA only and/or in RSOC for Sh Ops.	
25	FIRST SERGEANT	98C5M	1SG										Principal NCO in MI Co Hq Sec with 75 or more soldiers.	

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-98D-1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Occasionally lifts 62 pounds and carries 10 feet.
2	1, 2, 3, 4	2. Must be able to hear a wide range of sound frequencies through headphones.
3	3, 4	3. Must possess finger dexterity in both hands. 4. Occasionally writes reports and compiles data.

**Table 10-98D-2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	ELI op	98D1O	PFC						1	1	2	2	2	2	1. Grades of additional positions will be in same pattern. 2. Line 4 will be titled ELI supervisor and graded SFC when not provided per line 6.
2	ELI op	98D1O	SPC		1	2	3	4	4	4	4	5	5		
3	ELI op	98D2O	SGT	1	1	1	1	1	1	1	1	1	1	2	
4	Sr ELI op	98D3O	SSG							1	1	1	1		
5	Mission control NCO	98D3O	SSG												Principal emitter locator/ identifier NCO in Msn Con Sec of MI Bn supporting a Corps.
6	ELI supervisor	98D4O	SFC												1. Shift or section. 2. Every 12th MOS 98D position will be graded SFC.
7	Platoon sergeant	98D4O	SFC												Principal NCO of a platoon.
8	Detachment sergeant	98D4O	SFC												Principal NCO of MI Det with 75 or less soldiers where predominate MOS is 98D.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-98D-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	ELI op	98D1O	PFC							1	1	2	2	2	1. Grades of additional positions will be in same pattern. 2. Line 4 will be titled ELI supervisor and graded SFC when not provided per line 6.
2	ELI op	98D1O	SPC		1	2	3	4	4	4	4	5	5		
3	ELI op	98D2O	SGT	1	1	1	1	1	1	1	1	1	1	2	
4	Sr ELI op	98D3O	SSG								1	1	1	1	
5	RDTE NCO	98D3O	SSG	1	2	3	4	4							1. Test Div of OPTEC. 2. Test Div of INSCOM. 3. EW Com Sys of USAEPG.
6	RDTE NCO	98D4O	SFC						1						
7	Asst op sgt	98D3O	SSG												S3 or Plans and Tng Sec of U.S. Army Field Station.
8	ELI supervisor	98D4O	SFC												1. Shift or section. 2. Every 12th MOS 98D position will be graded SFC.
9	Coll mgt NCO	98D4O	SFC												Sole or first position in ORMA of U.S. Army Field Station.
10	Watch NCO	98D4O	SFC												1. Principal NCO per shift in watch office of U.S. Army Field Station. 2. One position per shift will be graded SFC.
11	Platoon sergeant	98D4O	SFC												Principal NCO of a platoon.

**Table 10–98D–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
12	Detachment sergeant	98D40	SFC													Principal NCO of a MI Det with less than 75 soldiers where 98D is the predominate MOS.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

<sup>2</sup> When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.

<sup>3</sup> When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional manpower grading requirements.

**Table 10–98G–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6, 7	1. Frequently lifts 75 pounds and carries 3 miles.
2	1, 2, 3, 4, 5, 6, 7	2. Occasionally lifts and carries 325 pounds as part of a 4 soldier team (prorated 82 pounds).
3	1, 2, 3, 4, 5, 6, 7	3. Occasionally lifts 62 pounds and climbs 3 feet.
4	5, 6, 7	4. Must possess finger dexterity in both hands. 5. Must be able to hear a wide range of human voicetones through headphones. 6. Frequently reviews documents. 7. Frequently writes reports and compiles data.

**Table 10–98G–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	VOICE INTERCEPTOR	98G1L 98G1LC8	SPC	1	1	2	3	3	3	4	5	5	5	1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI. 2. ASI will not be graded separately. 3. This grading pattern will be used for all positions not specifically identified in any other line. 4. Transcription/gisting positions will be coded with ASI C8. 5. Driver positions will be graded SPC.
2	VOICE INTERCEPTOR	98G2L 98G2LC8	SGT		1	1	1	2	2	2	2	3	3	
3	SR VOICE INTERCEPTOR	98G3L 98G3LC8	SSG						1	1	1	1	2	
4	VOICE INTERCEPTOR	98G1L	SPC		1	1	1	2	2	2	3	3	3	
5	VOICE INTERCEPTOR	98G2L	SGT		1	1	1	2	2	2	2	3	4	
6	SR VOICE INTERCEPTOR	98G3L	SSG			1	1	1	2	2	2	2	2	
7	VOICE INTCPR SUPV	98G4L	SFC							1	1	1	1	
8	VOICE INTERCEPTOR	98G2L	SGT											Principal Voice Interceptor in: a. Coll Mgt Sec in TCAE of MI Bn (EAC). b. Lang and/or MOS Spt (MTOE only) Sec of MI Bn (Ling).
9	SR VOICE INTERCEPTOR	98G3L	SSG											Principal Sr Voice Interceptor in: a. CINC Intl Ops Div in Hq of TA. b. CM&D Sec of MI Bn (EAC). c. LLVI Tm when supervising two or more subordinate MOS 98G soldiers. d. Host Nation Spt Tm of MI Bn (EAC). e. SIGINT Tm in CMISE Hq. f. Coll Sec in MI Co of Sig Intel Bn (EAC). g. Voice Coll Tm of MI Bn when no other SSG is authorized. Subsequent voice intcpr positions will be graded by lines 1-2.

**Reserve Component Only**

4	VOICE INTERCEPTOR	98G1L	SPC		1	1	1	2	2	2	3	3	3	1. Grades of additional positions will be in same pattern. 2. This grading pattern will be used for all linguist positions when not provided by any other line. 3. Grade SFC authorized in all linguist teams with four or more subordinate soldiers when no commissioned or warrant officer provided for.
5	VOICE INTERCEPTOR	98G2L	SGT		1	1	1	2	2	2	2	3	4	
6	SR VOICE INTERCEPTOR	98G3L	SSG			1	1	1	2	2	2	2	2	
7	VOICE INTCPR SUPV	98G4L	SFC							1	1	1	1	
8	VOICE INTERCEPTOR	98G2L	SGT											
9	SR VOICE INTERCEPTOR	98G3L	SSG											Principal Sr Voice Interceptor in: a. CINC Intl Ops Div in Hq of TA. b. CM&D Sec of MI Bn (EAC). c. LLVI Tm when supervising two or more subordinate MOS 98G soldiers. d. Host Nation Spt Tm of MI Bn (EAC). e. SIGINT Tm in CMISE Hq. f. Coll Sec in MI Co of Sig Intel Bn (EAC). g. Voice Coll Tm of MI Bn when no other SSG is authorized. Subsequent voice intcpr positions will be graded by lines 1-2.

**Table 10–98G–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
10	VOICE INTCPR SUPV	98G4L 98G4LC8	SFC													1. Principal Voice Intcpr Supv in: a. Spt Ops Tm A in MI Det of SF Bn when no MOS 98H SFC is provided. Second voice intcpr position will be graded SSG and third position will be graded SGT. Use with SQI S. b. Tarex Elm in Hq of MI Bn (EAC). c. Ops Sec in Avn Co (Crazyhorse) of MI Bn (EAC). d. Ops Sec in Avn Co (ARL) and Avn Co of EW MI Bn (EAC). e. PAR Br of MI Bn (EAC). f. Coll Sec of MI Bn (EAC). g. Voice Intcpr Sec of MI Co (EAC). h. Master Con Sta of MI Bn. 2. All Sections every 15th 98G voice intcpr position will be graded SFC.
11	PLATOON SERGEANT	98G4L	SFC													Principal NCO in Plt Hq Sec when MOS 98G is the predominant MOS.
12	DETACHMENT SER- GEANT	98G4L	SFC													Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 98G is the predominant MOS.
13	CH VOICE INTERCEP- TOR	98G5L	MSG													Principal NCO in: a. S3 Sec of MI Bn (all Div). b. Hq Sec in MI Det of SF Bn (use with SQI S).
14	FIRST SERGEANT	98G5M	1SG													Principal NCO in in MI Co Hq Sec with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–98G–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	VOICE INTERCEPTOR	98G1L 98G1LC8	SPC		1	2	3	4	4	4	5	5	5			1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI.
2	VOICE INTERCEPTOR	98G2L 98G2LC8	SGT		1	1	1	1	1	1	2	2	2	2		2. ASI will not be graded separately. 3. Grading pattern will be used for all positions not specifically identified in any other line.
3	SR VOICE INTERCEP- TOR	98G3L 98G3LC8	SSG						1	1	1	1	2			4. All sections in USAG Acty. 5. Transcription/gisting positions will be coded with ASI C8.
4	VOICE INTCPR SUPV	98G4L 98G4LC8	SFC										1	1		
5	VOICE INTERCEPTOR	98G1L	SPC		1	1	2	3	3	3	4	4	5			1. Grades of additional positions will be in same pattern. 2. Joint, Joint Sp Ops Cmd and USA Elm of SHAPE Hq will be graded using this table.
6	VOICE INTERCEPTOR	98G2L	SGT		1	1	1	1	1	2	2	2	3	3		
7	SR VOICE INTERCEP- TOR	98G3L	SSG			1	1	1	1	1	1	1	1	1		
8	VOICE INTCPR SUPV	98G4L	SFC							1	1	1	1			
9	VOICE INTERCEPTOR	98G1L	SPC			1	1	1	2	2	2	3	3			1. Grades of additional positions will be in same pattern.
10	VOICE INTERCEPTOR	98G2L	SGT			1	1	2	2	2	2	3	3	4		2. All sections in DoD, DIA and DSA Elm will be graded using this table.
11	SR VOICE INTERCEP- TOR	98G3L	SSG		1	1	1	1	1	1	2	2	2	2		
12	VOICE INTCPR SUPV	98G4L	SFC					1	1	1	1	1	1	1		

**Table 10–98G–3**  
**Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
13	VOICE INTERCEPTOR	98G2L	SGT	1	2	2	2	3	4	4	5	6	1. Grades of additional positions will be in same pattern. 2. On-Site Insp Agcy will be graded using this table.	
14	SR VOICE INTERCEPTOR	98G3L	SSG	1	1	1	2	2	2	2	3	3		
15	VOICE INTCPR SUPV	98G4L	SFC					1	1	1	1	1		
16	VOICE INTERCEPTOR	98G2L	SGT				1	2	2	3	3	4	1. Grades of additional positions will be in same pattern. 2. AC/RC Spt positions will be graded using this table.	
17	SR VOICE INTERCEPTOR	98G3L	SSG	1	1	2	2	2	2	2	3	3	4	
18	VOICE INTCPR SUPV	98G4L	SFC	1	1	1	1	2	2	2	2	2		
19	SR VOICE INTERCEPTOR	98G3L	SSG										Principal Sr Voice Interceptor in: a. Cmd Lang Pgm Mgr in Sec of MI Bn. b. Host Nation Spt Tm of MI Bn. c. Crypt Spt Gp (grade first voice intcpr position SSG and second position SFC). d. J33 Ops Tng Div of USAROC. e. Lang Ctr of RSOC. f. S3 Plans and/or Tng Sec and/or Br of MI Bde and/or RSOC (only one voice intcpr position graded SSG per unit). g. CM&D Sec of MI Bn (EAC). h. Lang Spt Tm of MI Bn (EAC). i. SMO (grade first voice intcpr position SSG and second position SGT). j. JTF Fld Tm and/or Det (grade first voice intcpr position SSG and subsequent positions will be graded by lines 5-8). k. Lang Dept (RU) of USA EUCOM NATO Sch. l. HIGHTOP Sec of NSA.	
20	VOICE INTCPR SUPV	98G4L	SFC										Principal Voice Intcpr Supv in: a. Watch Ofc and/or Ops Ctr of RSOC. Only one supervisor position per shift will be graded SFC. b. Trojan Proj Ofc of MI Bde (EAC). c. ORMA Sec of MI Bn and Bde (EAC). d. Cmd Lang Prog Mgr in MI Bde (additional voice intcpr positions will be graded by lines 1-3). e. Lang Prog Coord Sec of DLI. f. Prog and Prop Sec of DLI. g. Trojan Proj Ofc in Force Mod Acty of USAINSCOM. h. White House Trans Sec. i. S3 or S2/3 Sec of MI Bn (EAC). j. MI Enls Career Br of U.S. Total Army Personnel Command. k. Voice Intcpr Sec in MI Co (EAC) when no other SFC is authorized. l. E and F Gp of NSA. m. J31 Ops Mgt Spt Div (second voice intcpr position will also be graded SSG).	
21	PLATOON SERGEANT	98G4L	SFC										Principal NCO in MI Plt Hq Sec when MOS 98G is predominant MOS.	
22	DETACHMENT SERGEANT	98G4L	SFC										Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 98G is the predominant MOS.	
23	CH VOICE INTERCEPTOR	98G5L	MSG										1. Principal NCO in : a. Sys Integ Div of USA Sp Ops Cmd. b. OC Tm of USA Sp Ops Tng Det (second and third voice intcpr positions will be graded SFC and SSG respectively). c. MOLINK Sec in USA Elm of JCS (subsequent intcpr positions will be graded SFC). d. Pgm & Ops Br of MI Bde (EAC). e. Fld Spt Ofc of MI Bde (EAC). Subsequent voice intcpr positions also graded MSG). f. USAR Spt Tm in CSAT MI Sec. g. S3 Sec of MI Bde (EAC). h. Tech Coll Ofc of USA Sp Acty Mgt Unit. i. Fld Spt Ofc in Force Mod Acty of USAINSCOM. j. Ops Div of MI Bn (EAC). k. E Gp of NSA. l. CSAT MI SEc of USAR Spt Tm. 2. One voice intcpr position graded MSG per every 50 MOS 98G soldiers in Gp Sec for NSA and for RSOC Shift Ops.	

**Table 10–98G–3  
Standards of grade TDA—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
24 FIRST SERGEANT	98G5M	1SG													Principal NCO in MI Co Hq Sec with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–98H–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4, 5, 6	1. Frequently lifts 75 pounds and carries an indeterminable distance.
2	1, 2, 3, 4, 5, 6	2. Occasionally lifts, pushes, and pulls 62 pounds.
3	1, 2, 3, 4, 5, 6	3. Must possess red/green color discrimination.
4	3, 4, 5, 6	4. Must possess finger dexterity in both hands. 5. Must be able to hear a wide range of sound frequencies through headphones. 6. Frequently writes reports and compiles data.

**Table 10–96H–2  
Standards of grade TOE/MTOE**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
1 COMMS INTCPR/LCTR	98H1O 98H1O2G	PFC			1	1	2	2	3	3	3	3	3	1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI. 2. ASI will not be graded separately. 3. Grading pattern will be used for all positions not specifically identified in any other line. 4. Driver positions will be graded PFC.
2 COMMS INTCPR/LCTR	98H1O 98H1O2G	SPC	1	1	1	2	2	3	3	3	3	3		
3 COMMS INTCPR/LCTR	98H2O 98H2O2G	SGT			1	1	1	1	1	1	1	2	3	
4 COMMS INTCPR/LCTR SGT	98H3O 98H3O2G	SSG										1	1	1
5 COMMS INTCPR/LCTR	98H2O	SGT												Principal Comms Intcpr/Lctr in: a. TCAE Sec in MI Det of SF Bn (use with SQI S). b. Coll Mgmt Sec in TCAE of MI Bn (EAC).
6 COMMS INTCPR/LCTR SGT	98H3O	SSG												Principal Comms Intcpr/Lctr NCO in: a. Spt Ops Tm A in MI Det of SF Bn (use with SQI S). b. Ops Sec and Non-Voice Intcp Sec in Avn Co (Crazyhorse) of MI Bn (EAC).
7 SR COMMS INTCPR/ LCTR	98H4O 98H4O2G	SFC												1. Principal Sr Comms Intcpr/Lctr NCO in: a. Spt Ops Tm A in Spt Co of SF Bn when grade SFC has been provided by MOS 98G (use with SQI S). b. S3 Sec of MI Bn (EAC). c. Non-voice Intcpt Sec of Avn Co (EW) (MIB). d. Coll Sec in MI Co of Sig Intel Bn (EAC). 2. All sections every 15th MOS 98H Sr intcpr/lctr position will be graded SFC.
8 PLATOON SERGEANT	98H4O	SFC												Principal NCO in Plt Hq Sec when MOS 98H is predominant MOS.
9 DETACHMENT SER- GEANT	98H4O	SFC												Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 98H is predominant MOS.
10 CH COMMS INTCPR/ LCTR	98H5O	MSG												Principal Ch Comms Intcpr/Lctr NCO in: a. S3 Sec in MI Bn (EAC). b. Ops Plt in MI Co (SIGINT) of Sep-EAC.

**Table 10-96H-2  
Standards of grade TOE/MTOE—Continued**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes			
			1	2	3	4	5	6	7	8	9	10				
11	FIRST SERGEANT	98H5M	1SG													Principal NCO in MI Co Hq Sec with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-98H-3  
Standards of grade TDA**

Line Duty position	Code	Grade	Number of positions*										Explanatory notes			
			1	2	3	4	5	6	7	8	9	10				
1	COMMS INTCPR/LCTR	98H1O 98H1O1G 98H1O2G	PFC				1	2	2	2	2	2	3			1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI. 2. ASI will not be graded separately.
2	COMMS INTCPR/LCTR	98H1O 98H1O1G 98H1O2G	SPC		1	2	2	2	2	2	3	4	4			3. Grading pattern will be used for all positions not specifically identified in any other line. 4. All sections in USAG Acty. 5. Crosshair positions will be graded with ASI 1G. 6. C-SIGINT positions will be graded with ASI 2G.
3	COMMS INTCPR/LCTR	98H2O 98H2O1G 98H2O2G	SGT	1	1	1	1	1	1	2	2	2	2			
4	COMMS INTCPR/LCTR SGT	98H3O 98H3O1G 98H3O2G	SSG						1	1	1	1	1			
5	COMMS INTCPR/LCTR	98H1O	SPC		1	1	2	3	3	3	4	4	5			1. Grades of additional positions will be in same pattern. 2. Joint, Joint Sp Ops Cmd and USA Elm in SHAPE Hq will be graded using this table.
6	COMMS INTCPR/LCTR	98H2O	SGT	1	1	1	1	1	2	2	2	3	3			
7	COMMS INTCPR/LCTR SGT	98H3O	SSG		1	1	1	1	1	1	1	1	1			
8	SR COMMS INTCPR/ LCTR	98H4O	SFC							1	1	1	1			
9	COMMS INTCPR/LCTR	98H1O	SPC		1	1	1	2	2	2	3	3	3			1. Grades of additional positions will be in same pattern. 2. DoD, DIA and DSA Elm will be graded using this table.
10	COMMS INTCPR/LCTR	98H2O	SGT	1	1	2	2	2	2	3	3	4				
11	COMMS INTCPR/LCTR SGT	98H3O	SSG	1	1	1	1	1	1	2	2	2	2			
12	SR COMMS INTCPR/ LCTR	98H4O	SFC					1	1	1	1	1	1			
13	COMMS INTCPR/LCTR	98H2O	SGT			1	2	2	3	3	4	4				1. Grades of additional positions will be in same pattern. 2. AC/RC Spt positions will be graded using this table.
14	COMMS INTCPR/LCTR SGT	98H3O	SSG	1	1	2	2	2	2	2	3	3	4			
15	SR COMMS INTCPR/ LCTR	98H4O	SFC	1	1	1	1	2	2	2	2	2	2			
16	COMMS INTCPR/LCTR SGT	98H3O	SSG													Principal Comms Intcpr/Lctr NCO in: a. Crypt Spt Gp (first intcpr/lctr position graded SSG and second position SFC with subsequent positions graded by lines 1-4. b. NW Det of MI Bde (EAC) second intcpr/lctr position will be graded SFC with subsequent positions graded by lines 1-4. c. S3 Plans and/or Tng Sec and/or Br of MI Bde and/or RSOC (only one intcpr/lctr position graded SSG per unit).

**Table 10-98H-3**  
**Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
17	SR COMMS INTCPR/ LCTR	98H4O 98H4O2G	SFC												1. Principal Sr Comms Intcpr/Lctr NCO in: a. Watch Ofc and/or Ops Ctr of MI Bn or RSOC. Only one Sr Intcpr/Lctr position will be graded SFC per shift. b. S3 Sec of MI Bn (EAC). c. ORMA Sec of MI Bn and Bde (EAC). d. J31 Ops Mgt Spt Div of RSOC. e. MI Enl Career Br of U.S. Total Army Personnel Command. f. Coll Sec of MI Co (Sig Intel) (EAC). 2. All sections, every 15th intcpr/lctr MOS 98H position will be graded SFC when no other SFC is provided.
18	PLATOON SERGEANT	98H4O	SFC												Principal NCO in MI Plt Hq Sec when MOS 98H is predominant MOS.
19	DETACHMENT SER- GEANT	98H4O	SFC												Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 98H is the predominant MOS.
20	CH COMMS INTCPR/ LCTR	98H5O	MSG												1. Principal NCO in: a. S3 Sec of MI Bde. b. Fld Spt Ofc and Tng Div in Force Mod Acty of USAINSCOM. c. J34 Shift Ops of RSOC. 2. One Intcpr/Lctr position graded MSG per fifty MOS 98H soldiers in Gp Sec of NSA only and/or RSOC Shift Ops.
21	FIRST SERGEANT	98H5M	1SG												Principal NCO of MI Co Hq Sec with 75 or more soldiers.

Notes:

1. \*Blank spaces in this column indicate not applicable.
2. When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
3. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-98J-1**  
**Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3	1. Occasionally lifts 62 pounds and carries 5 feet.
2	1, 2, 3	2. Must possess finger dexterity in both hands.
3	1, 2, 3	3. Frequently writes reports and compiles data.
4	2, 3	

**Table 10-98J-2**  
**Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	ELINT INTCPR/ANALYST	98J10 98J1O2T	PFC			1	1	2	2	2	2	2	3	1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI.
2	ELINT INTCPR/ANALYST	98J10 98J1O2T	SPC	1	1	1	2	2	2	3	3	4	4	2. ASI will not be graded separately. 3. Grading table will be used for all positions not specifically identified in any other line.
3	ELINT INTCPR/ANALYST	98J20 98J2O2T	SGT		1	1	1	1	1	1	2	2	2	4. Driver positions will be graded PFC. 5. TENCAP Operations positions will be coded with ASI 2T.
4	ELINT SERGEANT	98J30 98J3O2T	SSG	1	1	1	1	1						
5	ELINT SERGEANT	98J30 98J3O2T	SSG											Principal ELINT NCO in: a. ELINT/Imagery Analysis Tm (Mobile Integrated Tactical Terminal (MITT)) of MI Bn. b. Ops/Analysis Sec of CMISE Hq. c. SIGINT Ops Sec in Ops-Analysis Co of MI Bn (TEB) (Corps). d. TCAE Sec in MI Det of SF Gp (use with SQI S). e. SIGINT Sec in ACE Sec in Analysis and Control Co of Ops Bn of MI Bde (Corps).
6	SR ELINT SERGEANT	98J40 98J4O2T	SFC											1. Principal Sr ELINT NCO in: a. HHC in Avn Regt of Sp Ops Cmd (use with SQI S). b. MASINT Tm in MI Bn (EAC). c. CMD Tm in ACE Sec in MI Bn of Corps. d. EPDS Sec in MI Bn. e. ELINT/IMAG Inter Sec and/or ETUT Sec of MI Bn (EAC). f. CTOC CM&D Spt Sec in Ops-Analysis Co of MI Bn (TEB) (Corps). g. CM&D Sec of Corps TOC Spt Co. 2. Shift or section every 12th Sr ELINT position will be graded SFC.
7	PLATOON SERGEANT	98J40	SFC											Principal NCO in a Plt Hq Sec when MOS 98J is predominant MOS.
8	DETACHMENT SERGEANT	98J40	SFC											Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 98J is the predominant MOS.
9	CH ELINT SERGEANT	98J50	MSG											Principal NCO in S3 Sec of MI Bn (EAC).
10	FIRST SERGEANT	98J5M	1SG											Principal NCO in Co Hq Sec with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (A) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponents (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional grading of manpower requirements.

**Table 10-98J-3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	ELINT INTCPR/ANALYST	98J10 98J10J1 98J102T 98J10Z8	PFC			1	1	2	2	2	2	2	2	2	1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI. 2. ASI will not be graded separately. 3. Grading table will be used for all positions not specifically identified in any other line. 4. All sections in USAG Acty. 5. FIS Analysis positions will be coded with ASI J1. 6. ETUT/TUT/THMT TENCAP operations positions will be coded with ASI 2T. 7. Tech ELINT coll and analysis positions will be coded with ASI Z8.
2	ELINT INTCPR/ANALYST	98J10 98J10J1 98J102T 98J10Z8	SPC	1	1	1	2	2	2	3	3	4	4		
3	ELINT INTCPR/ANALYST	98J20 98J20J1 98J202T 98J20Z8	SGT	1	1	1	1	1	1	2	2	2	2		
4	ELINT SERGEANT	98J30 98J30J1 98J302T 98J30Z8	SSG						1	1	1	1	1		
5	SR ELINT SERGEANT	98J40 98J40J1 98J402T 98J40Z8	SFC										1		
6	ELINT INTCPR/ANALYST	98J10	SPC	1	1	2	3	3	3	4	4	5	5	1. Grades of additional positions will be in same pattern. 2. Joint, Joint Sp Ops Cmd and USA Elm of SHAPE Hq will be graded using this table.	
7	ELINT INTCPR/ANALYST	98J20	SGT	1	1	1	1	1	2	2	2	3	3		
8	ELINT SERGEANT	98J30	SSG		1	1	1	1	1	1	1	1	1		
9	SR ELINT SERGEANT	98J40	SFC						1	1	1	1	1		
10	ELINT INTCPR/ANALYST	98J10	SPC		1	1	1	2	2	2	3	3	3	1. Grades of additional positions will be in same pattern. 2. All sections in DoD, DIA and DSA elements will be graded using this table.	
11	ELINT INTCPR/ANALYST	98J20	SGT	1	1	2	2	2	2	3	3	4	4		
12	ELINT SERGEANT	98J30	SSG	1	1	1	1	1	1	2	2	2	2		
13	SR ELINT SERGEANT	98J40	SFC				1	1	1	1	1	1	1		
14	ELINT INTCPR/ANALYST	98J20	SGT			1	2	2	3	3	4	4	4	1. Grades of additional positions will be in same pattern. 2. AC/RC Spt positions will be graded using this table.	
15	ELINT SERGEANT	98J30	SSG	1	1	2	2	2	2	2	3	3	4		
16	SR ELINT SERGEANT	98J40	SFC	1	1	1	1	2	2	2	2	2	2		
17	ELINT SERGEANT	98J30	SSG											Principal ELINT NCO in: a. Crypt Spt Gp (second ELINT NCO position will be graded SFC and subsequent positions will be graded by lines 1-5). b. S3 Plans or Tng Sec and/or Br of MI Bde or RSOC (only one ELINT NCO position graded SSG per unit). c. ARAT-TA Div in Hq of LIWA. d. FISINT Tm. e. RPD of MI Bde (EAC) when no other position graded SFC is authorized. Subsequent positions will be graded by lines 1-5. f. NEA Analysis Div in USA Elm (USAPAC). g. Fld Spt Tm in Acty of LIWA. h. Intel/CASIC Elm in USA Cbt Spt Coord Tm. i. ELINT/Imagery Analysis Tm (MITT) of MI Bn.	

**Table 10–98J–3  
Standards of grade TDA—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
18	SR ELINT SERGEANT	98J4O	SFC												Principal Sr ELINT NCO in: a. Watch Ofc and/or Ops Ctr of RSOC. Only one Sr ELINT NCO graded SFC per shift. b. S3 or S2/3 Sec in HHC of MI Bn (EAC). c. Fld Spt Div of USA Space Pgm Ofc. d. ETUT or EPDS Sec. e. MASINT Tm of MI Bn (EAC). f. NW Det of INSCOM (When no other position graded SFC is authorized). g. Intel Div and Red Tm in Hq of LIWA Acty. h. MI Enl Career Br of U.S. Total Army Personnel Command. i. K Gp of NSA. j. Exer Spt Cell in USA Elm (USAPAC).
19	PLATOON SERGEANT	98J4O	SFC												Principal NCO of MI Plt when MOS 98J is predominant MOS.
20	DETACHMENT SER- GEANT	98J4O	SFC												Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 98J is the predominant MOS.
21	CH ELINT SERGEANT	98J5O	MSG												1. Principal Ch Elint NCO in: a. Rgr Sec in HHC of MI Bde. b. Fld Spt Ofc in Force Mod Acty of USA INSCOM. c. Sp Pgm & Ops Br in Force Mod Acty of USAINSCOM. d. Ops Dir of USA Elm in Intel Ctr of USAPAC. e. Ops Analysis Sec in USA Elm of CENTCOM. 2. Only one Ch ELINT NCO graded MSG per 50 MOS 98J soldiers in Gp Sec for NSA only and/or RSOC Shift Ops.
22	FIRST SERGEANT	98J5M	1SG												Principal NCO in MI Co Hq Sec with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10–98K–1  
Physical requirements**

Skill level	Task numbers	Tasks
1	1, 2, 3, 4	1. Must possess red/green color discrimination.
2	1, 2, 3, 4	2. Must possess finger dexterity in both hands.
3	1, 2, 3, 4	3. Must be able to hear a wide range of sound frequencies through headphones.
4	1, 2, 3, 4	4. Frequently writes reports and compiles data.

**Table 10–98K–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	SIG COLL/ID ANALYST	98K1O	PFC				1	1	1	2	2	3	3		1. Grades of additional positions will be in same pattern. 2. Grading pattern will be used for all positions not specifically identified in any other line.
2	SIG COLL/ID ANALYST	98K1O	SPC			1	2	2	3	3	3	4	4	4	3. C-SIGINT positions will be coded with ASI 2G. 4. Driver positions will be graded PFC.
3	SIG COLL/ID ANALYST	98K2O	SGT		1	1	1	1	1	1	1	1	1	2	
4	SIG COLL/ID SGT	98K3O	SSG						1	1	1	1	1		
5	SR SIG COLL/ID SGT	98K4O	SFC												1. C-SIGINT Elm in Hq of MI Bn (EAC). 2. All sections with 12 or more positions every 12th Sr Sig Coll/ID position will be graded SFC.
6	PLATOON SERGEANT	98K4O	SFC												Principal NCO in Plt Hq Sec when MOS 98K is predominant MOS.

**Table 10–98K–2  
Standards of grade TOE/MTOE—Continued**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
7	DETACHMENT SER-GEANT	98K4O	SFC													Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 98K is predominant MOS.
8	FIRST SERGEANT	98K5M	1SG													Principal NCO in MI Co Hq Sec with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–98K–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes		
				1	2	3	4	5	6	7	8	9	10			
1	1SIG COLL/ID ANALYST	98K1O 98K1OJ1 98K1OM7	PFC				1	1	1	2	2	2	3			1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI. 2. ASI will not be graded separately.
2	SIG COLL/ID ANALYST	98K1O 98K1OJ1 98K1OM7	SPC		1	2	2	3	3	3	3	3	3			3. Grading pattern will be used for all positions not specifically identified in any other line. 4. All sections in USAG Acty.
3	SIG COLL/ID ANALYST	98K2O 98K2OJ1 98K2OM7 98K2OK2	SGT	1	1	1	1	1	1	1	1	2	2	2		5. Non-Morse Analysis (Intermed) positions will be coded with ASI M7. 6. Non-Morse Analysis (Sr) positions will be coded with ASI K2. 7. Fgn Instr Sig Analysis positions will be coded with ASI J1. 8. C-SIGINT positions will be graded with ASI 2G.
4	SIG COLL/ID SGT	98K3O 98K3OJ1 98K3OM7 98K3OK2	SSG						1	1	1	1	1	1		
5	SR SIG COLL/ID SGT	98K4O 98K4OJ1 98K4OM7 98K4OK2	SFC										1	1		
6	SIG COLL/ID ANALYST	98K1O	SPC	1	1	2	3	3	3	4	4	5				1. Grades of additional positions will be graded in same pattern.
7	SIG COLL/ID ANALYST	98K2O	SGT	1	1	1	1	1	2	2	2	3	3			2. Joint, Joint Sp Ops Cmd and USA Elm of SHAPE Hq will be graded using this table.
8	SIG COLL/ID SGT	98K3O	SSG		1	1	1	1	1	1	1	1	1			
9	SR SIG COLL/ID SGT	98K4O	SFC							1	1	1	1			
10	SIG COLL/ID ANALYST	98K1O	SPC		1	1	1	2	2	2	3	3				1. Grades of additional positions will be in same pattern.
11	SIG COLL/ID ANALYST	98K2O	SGT		1	1	2	2	2	2	3	3	4			2. DoD, DIA and DSA elements will be graded using this table.
12	SIG COLL/ID SGT	98K3O	SSG	1	1	1	1	1	1	2	2	2	2			
13	SR SIG COLL/ID SGT	98K4O	SFC					1	1	1	1	1	1			
14	SIG COLL/ID ANALYST	98K2O	SGT			1	2	2	3	3	4	4				1. Grades of additional positions will be in same pattern.
15	SIG COLL/ID SGT	98K3O	SSG	1	1	2	2	2	2	2	3	3	4			2. AC/RC Spt positions will be grade using this table.
16	SR SIG COLL/ID SGT	98K4O	SFC	1	1	1	1	2	2	2	2	2	2			

**Table 10-98K-3**  
Standards of grade TDA—Continued

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
17	SIG COLL/ID SGT	98K3O	SSG												Principal Sig Coll/Id NCO in: a. Crypt Spt Gp (second Sig Coll/ID NCO position will be graded SFC and subsequent positions will be graded by lines 1-3). b. S3 Plans and Tng Sec and/or Br of MI Bde or RSOC (only one Sig Coll/ID position graded SSG per unit). c. J32 Tech Div of RSOC. d. R&T Div in RD&E Ctr of CECOM. e. CCO Sec in HHC of MI Bde (EAC). f. Gp A, B, and/or H Gp of MI Bde (EAC) when no other position within the Gp has been graded SSG. g. Det A in MI Bde (EAC) when no other position has been graded SSG. h. Sig ID Sec of NSA when no other SFC or SSG and authorized. i. Crypt Mgt Sec and Trans Scty Sec in USA Elm of SHAPE Hq.
18	SR SIG COLL/ID SGT	98K4O	SFC												Principal Sr Sig Coll/Id NCO in: a. Watch Ofc and/or Ops Ctr of RSOC (only one Sr Sig Coll/Id position graded SFC per shift). b. S3 or S2/S3 Sec of MI Bn (EAC). c. ORMA Sec of MI Bn and/or Bde. d. Comms Dev Sec of MI Bn (EAC). Second Sig Coll/Id position will be graded SSG. e. MI Enl Career Br of US Total Army Personnel Command. f. NSA: (1) HIGHTOP Sec. (2) Gp K. g. JCMA Sec and in Gp V of MI Bde (EAC). h. COMSEC Ops Br in USA ELM of SHAPE Hq. i. C-SIGINT Hq Sec of MI Bn (EAC).
19	PLATOON SERGEANT	98K4O	SFC												Principal NCO in MI Plt Hq Sec when MOS 98K is predominant MOS.
20	DETACHMENT SER-GEANT	98K4O	SFC												Principal NCO in MI Det Hq Sec with 75 or less soldiers when MOS 98K is predominant MOS.
21	CH SIG COLL/ID SGT	98K5O	MSG												1. Principal Ch Sig Coll/Id NCO in: a. Fld Spt Ofc in Force Mod Acty of USAINSCOM. b. C2 Protect Div in Pentagon. c. Jt Acty for supervision of C-SIGINT functions. 2. Only one Ch Sig Coll/Id NCO will be graded MSG per every 50 MOS 98K soldiers in Group Sec of NSA only and/or in RSOC Shift Ops and/or Ops Ctr.
22	FIRST SERGEANT	98K5M	1SG												Principal NCO in MI Co Hq Sec with 75 or more soldiers.

Notes:

- \*Blank spaces in this column indicate not applicable.
- When organizations are supported with additional and/or dual line TDA positions, augmentation (A) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Table 10-98Z-1**  
Physical requirements

Skill level	Task numbers	Tasks
5	1, 2, 3	1. Frequently reviews documents. 2. Frequently provides verbal briefings. 3. Frequently writes to keep records and compiledata.

**Table 10–98Z–2  
Standards of grade TOE/MTOE**

Line	Duty position	Code	Grade	Explanatory notes
1	SIGINT SR SERGEANT	98Z5O	SGM	Principal NCO in: a. S3 Sec of MI Gp and MI Bde. b. Combined S2/S3 Sec of MI (Force Proj) Bde.

Notes:

- When TOE/MTOE organizations are supported by an augmentation TDA, augmentation (Aug) and base paragraphs will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TOE/MTOE, TRADOC MSCs and Non-TRADOC specified proponent (TOE Combat Developers) will coordinate with appropriate Branch Personnel Proponents (listed in AR 600–3) to support additional grading of manpower requirements.

**Table 10–98Z–3  
Standards of grade TDA**

Line	Duty position	Code	Grade	Explanatory notes
1	SIGINT SR SERGEANT	98Z5O	SGM	Principal NCO in: a. ODCSOPS in Hq of INSCOM. b. Gp P, Z, and/or other NSA Gp Sec or RSOC Sec with 75 or more soldiers. c. Crypt Spt Dir in Force Mod Acty of USAINSCOM. d. Ops Stf Sec or Div in MI Bde in support of NSA. e. Force Integr Div of MI Bde (EAC). f. G2 Sec of SF Command. g. J3 Sec in Ops Dir of RSOC. h. JMISE Sec of Joint Intel Ctr of USA SOUTHCOM.

Notes:

- When TDA organizations are supported with additional and/or dual line TDA positions, the additional line(s) and base paragraph will be graded in the aggregate.
- When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponents (listed in AR 600-3) to support additional manpower grading requirements.

**Chapter 11  
Standards of Grade for Specialized Duty Functions**

**11–1. General**

a. This chapter contains standards of grade (SG) tables and guidance for Army-wide grading of the following specialized functions. Proponents with unique grading requirements dictated by span of control, safety, technology, force structure, or other valid considerations, may request approval to grade those positions in the individual MOS tables in chapter 2 of this regulation. Chapter 10 tables take precedence over chapter 3 tables. If specific standards are not provided in the individual tables in chapter 10, the standards in chapter 11 will be applied.

- Instructors and advisors (table 11-1).
- Training developers and writers (table 11-2).
- Drill sergeants (table 11-3).
- Military assistance advisory groups (table 11-4).
- Technical and tactical board NCOs (table 11-5).
- Technical intelligence NCOs (table 11-6).
- Maintenance assistance and instruction teams (table 11-7).
- Installers (table 11-8).
- Senior staff NCOs (table 11-9).
- Ranges (table 11-10).
- Threat analysis NCOs (table 11-11).
- Leadership development/personnel proponent NCOs (table 11-12).
- Program systems management NCOs (table 11-13).
- Directorate combat development NCOs (table 11-14).
- Directorate evaluation standardization NCOs (table 11-15).
- Training department (schools) NCOs (table 11-16).
- Directorate plans training mobilization NCOs (table 11-17).
- Operations, intelligence and training sergeants (table 11-18).
- Inspector General (IG) inspection, and IG assistance and investigation NCOs (table 11-19).
- Chief training, management, operations and project NCOs (table 11-20).

- Technical inspection NCOs (table 11-21).
- Operations, observer and controller NCOs (table 11-22).
- Operations and contingency plans NCOs (table 11-23).
- Inspector General NCO (table 11-24).
- Active component/Reserve component (AC/RC) support (table 11-25).
- Reserve components USAR/ARNG division (table 11-26).
  - These standards do not authorize positions. They provide the basis for grading positions. Specific guidance on use of special qualification identifiers (SQI) is contained in chapter 12 of this regulation and AR 600-200.
  - The grading standards from tables 11-1 through 11-23 will be applied to the cumulative positions within the same organizational element, i.e. section, paragraph. In sections or paragraphs with multiple MOS identifiers, i.e. 11B, 14D and 54B, the first position will be graded and coded with the predominate MOS of the career management field served or subject matter specialization of the service school or training center course. In the above example, drill sergeant positions in a training company, infantry training center would be graded and classified as SFC 11B4X, SSG 14D3X and SSG 54B3X.
  - Incidental support positions, administrative or technical, will be governed by the grading provisions of the specific MOS contained in chapter 10. These positions will not be coded with SQI “H” , “I” , “X” , or “2” .
  - No action will be taken to revise the SG for an individual MOS solely to accommodate positions governed by the standards contained in this chapter.
  - The grade used in classifying these positions must be consistent with the low-high grade authorized by SG for the MOS in chapter 10.

**11–2. Standards of grade for instructors and advisors**

- Instructor and advisor positions identified by SQI “H” will be governed by the following criteria and table 11-1.
- The positions may be classified in the indicated grade in any MOS. For example, positions classified in these standards as Instructor/writer, or Writer/instructor, 11B3H, may be coded in grade

SSG and positions as Instructor/writer, or Writer/instructor, MOS 11C4H, may be graded SFC. Normally, bona fide instructor positions will not be in a rank lower than SSG.

c. The MOS will be appropriate to the CMF served, or to subject matter specialization.

d. All positions requiring full time instructors or writers will be titled Instructor/writer, or Writer/instructor. The principal enlisted supervisor for instructor/writer, or writer/instructor positions in Directorate of Training and Doctrine (DOTD), and School, Training Departments (DOT) will be titled, Chief Instructor and graded SGM, when authorized. The principal enlisted supervisor for instructor/writer, or writer/instructor positions in divisions, DOTD and DOT will be titled Chief Instructor/writer or Writer/instructor, and graded MSG, when authorized.

(1) Assistant instructor positions, to include demonstrators, helpers, equipment handlers, and similar positions, will not be identified by special qualifications character "H" and will not be counted as instructor positions in the application of SG for instructors and advisors. A separate grade pattern is provided in table 11-1 for the grading of these assistant instructor positions.

(2) Squad, platoon, and company NCO positions in training companies that provide for command, control, administration, and messing, but do not provide for training of trainees, will not be classified with SQI "H" .

(3) Noncommissioned officer primary leadership development course (PLDC) of instruction for small group leader (SGL) positions may be coded in any MOS (CA, CS, CSS) and identified with SQI "H" , or appropriate SQI. The MOS for basic (BNCOC) and advanced (ANCOC) noncommissioned officer course of instruction for SGL will be the same as that of the group they lead and identified with SQI "H" , or appropriate SQI, per AR 600-200.

(4) The MOS for PLDC, BNCOC, ANCOC, and Sergeants Major Course (SMC) Instructor/writer positions will be based on subject matter specialization (CA, CS, CSS) and identified with SQI "H" , or appropriate SQI.

(5) Use of SQI "H" with the Commandant position in a Noncommissioned Officer Academy (NCOA) is not authorized.

### **11-3. Standards of grade for training developers and writers**

a. Training developer and writer positions, identified by SQI "2" in chapter 12, will be governed by the SG in table 11-2. This SG applies only to those training developer and writer positions that require the preparation of doctrine and training literature, lesson plans, analysis and rewriting of doctrine in the development of instructional literature and systems by action officers on a full time basis.

b. The SQI "2" will not be removed or replaced by another SQI while the individual is assigned to training development and writer duties.

c. Positions will be classified in an MOS most closely related to the training activity, career management field served, or subject matter specialization.

### **11-4. Standards of grade for drill sergeants**

a. Drill sergeant positions identified by SQI "X" will be governed by the SG in table 11-3. The drill sergeant program is described in AR 614-200.

b. These positions will be classified in the MOS most closely related to the career management field served, training activity, or subject matter specialization.

### **11-5. Standards of grade for MSG and SGM in military assistance advisory groups (MAAG)**

All MSG and SGM positions in MAAG do not require SQI "H" identification per table 11-1 will be graded using the SG at table 11-4. General assignment criteria is contained in AR 614-200.

### **11-6. Standards of grade for noncommissioned officers serving on technical or tactical boards**

a. Principal NCO positions in technical and tactical boards will be governed by the SG at table 11-5.

b. These positions must involve significant participation in technical or tactical functions of boards and must not be limited to administrative or other supporting activities. Positions may be classified in any MOS, provided appropriate grade is contained in the SG for the specific MOS in chapter 10.

### **11-7. Standards of grade for technical intelligence (analyst) positions**

Analyst positions will be governed by the SG in table 11-6. Duty position titles associated with technical intelligence positions will reflect the MOS official title, followed by the suffix "analyst" .

### **11-8. Standards of grade for maintenance assistance and instruction teams (MAIT)**

Positions directly concerned with the discharge of duties in connection with MAIT program activities will be governed by the SG in table 11-7. These positions are not considered instructor positions requiring SQI "H" .

### **11-9. Standards of grade for installers**

Installer positions identified by SQI "I" per chapter 12 will be governed by the SG in table 11-8. This SG applies only to bona fide installer positions, entailing installation of equipment, systems or subsystems on a full-time basis.

### **11-10. Standards of grade for senior staff NCOs**

a. Senior Staff NCO is a "staff action" position designed to utilize the valuable technical expertise and professionalism of the senior noncommissioned officer in the functional area represented by a particular CMF. Duty performance is primarily oriented to creative writing, preparation and presentation of briefings, participation in meetings and conferences, and coordination of actions with other staff elements. Presence of another SGM position in the same organization will not bar use of a senior staff NCO. However, senior staff NCO positions will not normally be established where the principal NCO in the same or higher organizational element is graded less than SGM. Also, these positions will not be authorized below the sub-MACOM level unless specified in the grading standard (table 11-9) and approved by HQDA.

b. Senior staff NCO positions will be graded SGM as shown in the SG in table 11-9. Positions may be classified in any MOS, provided grade SGM is contained in the MOS SG in chapter 10.

c. Approval authority for these positions is retained by HQDA (DAPE-PR), WASH DC 20310. Requests for establishment and approval will contain the following information:

(1) MTOE/TDA number.

(2) Paragraph and line number, current authorized duty position title, MOS code, and grade.

(3) Proposed MOS code.

(4) Justification for classification as senior staff NCO.

### **11-11. Standards of grade or range supervision, operations, maintenance and safety NCOs**

a. Range positions will be governed by the following criteria and table 11-10.

b. The positions may be classified in any MOS, provided appropriate grade is contained in the SG for the specified MOS in chapter 10.

c. Incidental support positions, electrical/mechanical repairers, service and supply, administrative or technical, will be governed by the grading provisions of the specific MOS contained in chapter 10.

d. This SG applies only to those range positions which require supervision, operations, security, safety and coordination of training center and installation, indoor and outdoor ranges, maneuver and impact areas, and similar training facilities in a garrison or military community (MILCOM) outside CONUS (OCONUS).

### **11-12. Standards of grade for threat analysis NCOs**

a. Threat analysis NCO positions will be governed by the following criteria and table 11-11.

b. The positions may be classified in any MOS, provided appropriate grade is contained in the SG for the specified MOS in chapter 10.

c. Positions will be classified in the career management field or subject matter specialization most closely related to the training activity.

### **11-13. Standards of grade for leadership development/personnel proponent NCOs**

a. Leadership development and personnel proponent NCO positions will be governed by the following criteria and table 11-12.

b. These positions encompass NCO duties normally associated with total enlisted personnel life-cycle management per AR 600-3.

c. The positions may be classified in any MOS, provided appropriate grade is contained in the SG for the specified MOS in chapter 10.

### **11-14. Standards of grade for program systems management NCO**

a. The program systems management NCO positions will be governed by the SG in table 11-13.

b. These positions encompass NCO duties as program managers in activities involving the conception, research, development and acquisition of materiel systems for the Army, and from requirements formulation through the disposal of obsolete systems for which the school is proponent.

c. Positions will be classified in the MOS most closely related to the school proponent career management field served.

### **11-15. Standards of grade for directorate combat development (DCD) NCOs**

a. The DCD NCO positions will be governed by the SG in table 11-14.

b. These positions encompass duties requiring NCOs to:

(1) Prepare new Tables of Organization and Equipment (TOE) and revise existing TOE within assigned area.

(2) Develop manpower requirements criteria (MARC); qualitative and quantitative personnel requirements information (QQPRI); organizational structure, personnel and equipment requirements in support of structure, and assist other test agencies such as the Operational Test and Evaluation Command (OPTEC).

(3) Plan organization of proponent units and of proponent aspects of other units and organization to include TOE and Manning Equipment List (MEL).

(4) Conduct conceptual basic derivative and doctrinal studies of near, mid and long range timeframe.

(5) Determine requirements and prepare proposals for combat development experimentation and testing, and review results.

c. Positions will be classified in the MOS most closely related to the training activity, career management field served, or subject matter specialization.

### **11-16. Standards of grade for directorate of evaluation and standardization (DOES) NCOs**

a. The DOES NCO positions will be governed by the SG in table 11-15.

b. These positions encompass duties requiring NCOs to evaluate elements engaged in the performance of assigned functions relating to:

(1) Curriculum development.

(2) Systems approach to training (SAT).

(3) Engineering and instructional methodology.

(4) The electives programs, resident and nonresident training, resource requirements and course scheduling.

(5) Preparation of self development tests (SDT) and manuals.

(6) Monitoring student input and training load.

c. Positions will be classified in the MOS most closely related to

the training activity, career management field served, or subject matter specialization.

### **11-17. Standards of grade for training department (schools) NCOs**

a. The training department NCO positions will be governed by the SG in table 11-16.

b. These positions encompass NCO duties required for additional support in training departments not governed by table 11-1.

c. Positions will be classified in the MOS most closely related to the training activity, career management field served, or subject matter specialization.

### **11-18. Standards of grade for directorate, plans, training and mobilization (DPTM) NCOs**

a. The DPTM NCO positions will be governed by the SG in table 11-17.

b. These positions require NCOs to:

(1) Formulate and execute operational, emergency, and mobilization plans.

(2) Maintain and update force status reports.

(3) Receive, consolidate and transmit Army training and evaluation program reports.

(4) Supervise conduct of individual training, which may include basic training (BT), one station unit training (OSUT), and/or advanced individual training (AIT).

(5) Administer and monitor MOS/self/career management qualification testing programs for the installation.

c. These positions will be classified in the MOS most closely related to the training activity, career management field served, or subject matter specialization.

### **11-19. Standards of grade for operations, intelligence and training sergeants**

a. The operations, intelligence and training sergeants will be governed by the SG in table 11-18.

b. These positions require NCOs concerned with the planning, training, control, and supervision of training functions at service schools, integrating centers, CONUSAs, MACOM headquarters, and U.S. Army Garrisons.

c. Positions will be classified in the MOS most closely related to the training activity, career management field served, or subject matter specialization.

### **11-20. Standards of grade for inspector general (IG) inspection, and IG assistance and investigation NCOs**

a. Inspector general inspector, assistance and investigation positions will be governed by the SG in table 11-19.

b. These positions require NCOs as subject matter experts in support of IG functions at service schools, integrating centers, CONUSAs, MACOM headquarters, and U.S. Army Garrisons.

c. Positions will be classified in the MOS most closely related to the training activity, career management field served, or subject matter specialization required by the installation/headquarters IG.

### **11-21. Standards of grade for chief training, management, operations and project NCOs in commandant's or assistant commandant's office in U.S. Army service schools**

a. The principal NCO and operations/project NCO positions in the office commandant or assistant commandant of schools will be governed by the following criteria and table 11-20.

b. The positions may be classified in any MOS, career management field, or subject matter specialization most closely related to the training activity, provided appropriate grade is contained in the SG for the specific MOS in chapter 10.

c. These positions encompass NCO duties normally associated with the chief enlisted advisor on health, welfare, training and management programs of the school; and central operations for schools.

**11-22. Standards of grade for technical inspection NCOs**

- a. The technical inspection NCO positions will be governed by the SG in table 11-21.
- b. In these positions, NCOs are required to implement quality control measures, perform initial and final type check and inspection of designated system items and their assemblies and subassemblies, and supervise inspection and maintenance team.
- c. The positions will be classified in any MOS (except for CMF 67, see chapter 10) most closely related to the equipment and materiel requiring quality assurance and controls and grade is contained in the SG for the specified MOS in chapter 10.

**11-23. Standards of grade for Combat Training Center's, U.S. Army National Training Center, Joint Readiness Training Center, and Command General Staff and College NCOs**

The individual trainers, operations, training support and analysis, and observer and controller NCO positions will be governed by the SG in table 11-22. Special Qualification Identifier "H", for instructors and advisors will not be used with these positions.

**11-24. Standards of grade for operations and contingency plans NCOs**

- a. The operations and contingency plans NCO positions will be governed by the SG in table 11-23.
- b. In an Emergency Operations Center environment, NCOs in these positions are required to execute contingency plans and operations in:
  - (1) Support of Local and Federal government agencies.
  - (2) Intra- and inter-command operational programs and policies.
  - (3) Combat readiness mobilization and depolyment programs.
  - (4) Augmentation of Unified and Specified Command operations.

c. The NCOs within the Emergency Operations Center serve as extensions of the DA Command and Control System (DACCS) in MACOMs, Unified and Specified Commands and outside CONUS (OCONUS).

d. The positions may be classified in any MOS, provided appropriate grade is contained in the SG for the specific MOS in chapter 10.

**11-25. Standards of grade for (TOE/MTOE) inspector general NCO positions**

These positions require NCOs as subject matter experts in support of IG functions in Tables of Organization and Equipment and Modified Tables of Organization and Equipment (TOE/MTOE) that will be governed by the SG in table 11-24. In TOE/MTOE principal IG NCO requirements will be coded with the predominate or most closely related CMF/MOS to the functional activity associated with the organizational elements in Divisions, and Separate Brigades. Example: in TOE/MTOE, Inspector General NCO, MSG, 11M50, as principal NCO in IG section of Mechanized Infantry Division, HHC, when principal IG officer position is graded LTC.) In COS-COM TOE/MTOE, the principal IG NCO positions requirements will be coded with the most closely related technical functions that relate to the units mission and needs. Exception: In Corps, Echelons above Corps and Theater Army TOE/MTOE, the principal IG NCO position requirements will be coded MOS 75Z with subsequent IG NCO positions requirements identified with the most closely related technical functions that relate to the units mission and needs.

**11-26. Standards of grade for active component (AC) providing support to reserve component (RC)**

- a. Active component coordinator support positions for RC will be governed by SG table 11-26.
- b. These positions will be classified in the MOS most closely related to the branch/career management field served, training activity, or subject matter specialization.
- c. Incidental support positions, i.e., administrative, logistics, military intelligence, will be governed by the grading provisions of the specific MOS contained in chapter 10 and chapter 11 (i.e., MAIT table 11-7).
- d. Request for positions to be authorized in grade MSG and above will require HQDA approval and must be submitted to Office of the Deputy Chief of Staff for Personnel, ATTN: DAPE-PRP, 300 Army Pentagon, Washington, DC 20310-0300.

**Table 11-1  
Standards of grade instructor and advisor**

Line	Duty position	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
<b>Army Service School and Training Center (SQI H); Academy of Health Sciences, AMEDD School, AMEDD Center. MACOM subordinate command</b>													
1	INSTRUCTOR/WRITER WRITER/INSTRUCTOR	SSG	1	2	3	4	4	5	6	6	7	1. Grading of additional positions will be in same pattern and applied to the total aggregate within the same instructional element, i.e., section, paragraph. 2. MOS producing, ASI, SQI, functional, and/or new systems course of instruction and new equipment training teams (NETT). 3. Weapons section or branch, maneuver range, testing, or training element of a Army Training Center (ATC), U.S. Army Marksmanship Unit (USAMU), Jungle Operations Warfare Center (JOWC), Intelligence Training Battalion of FORSCOM; and the Northern Warfare Training Center (NWTC), FORSCOM (In NWTC, use with SQI "E" and title per lines 1 and 2). 4. Primary Leadership Development and Basic and Advanced Noncommissioned Officers Course (PLDC, BNCOC, ANCO) instructional element. 5. Academy of Health Sciences, AMEDD School/AMEDD Center. Grades of additional positions will be in same pattern for each MOS in which positions are classified. 6. Use chapter 2 (table 10-33W-3 TDA) when grading "Instru/ Wrtr" positions for CMF 33 (MOS 33W).	
2	INSTRUCTOR/WRITER WRITER/INSTRUCTOR	SFC	1	1	1	1	1	2	2	2	3	3	

**Table 11-1**  
**Standards of grade instructor and advisor—Continued**

Line	Duty position	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
3	CH INSTRUCTOR/ WRITER CH WRITER/INSTRUC- TOR	MSG													<ol style="list-style-type: none"> <li>1. Principal instructor in instruction department or directorate, training brigade, or battalion, subcommittee; or MOS producing, ASI, SQI, functional, or new systems course of instruction, NETT, and/or major division in a Department or Directorate of a training center or school provided there are 15 or more enlisted positions in the same instructional element, i.e., section, paragraph.</li> <li>2. Academy of Health Sciences/AMEDD School/AMEDD Center provided there are 15 or more military and civilian instructors.</li> <li>3. Pistol Branch in U.S. Army Marksmanship Center of FORSCOM.</li> <li>4. Grade MSG is not permitted for instructor positions in a training company, battery, or troop.</li> <li>5. Only one position will be graded as MSG.</li> </ol>
4	CH INSTRUCTOR/ WRITER	SGM													<ol style="list-style-type: none"> <li>1. Principal NCO in a training department, directorate, or committee provided there are 32 or more enlisted instructors in a service school or training center; or training brigade.</li> <li>2. Academy of Health Sciences, AMEDD School, AMEDD Center provided there are 32 or more military and civilian instructors.</li> <li>3. Cadet Command section in School of Cadet Command, TRADOC.</li> </ol>
<b>U.S. Army Sergeants Major and NCO Academy (SQI H)</b>															
5	PLDC SMALL GROUP LDR	SSG		1	2	3	4	5	6						Noncommissioned Officers (NCO) Course of Instruction of USAREUR and 7th Army NCOA.
6	PLDC SENIOR IN- STRUCTOR	SFC	1	1	1	1	1	1	1	1					
7	SR INSTRUCTOR/ WRITER SR WRITER/INSTRUC- TOR	CH IN- STR/ FACILITATOR	MSG	1	2	3	4	5	6	7	8	9			<ol style="list-style-type: none"> <li>1. Battle Staff Non-commissioned Officers Course (BSNCO) and First Sergeant Course (FSC) of Instruction of U.S. Army Sergeants Major Academy (USASMA). Instructors for FSC must have been previously awarded SQI M.</li> <li>2. When authorized additional positions will be graded MSG.</li> <li>3. In addition to SQI H this position will be further identified with ASI 2S.</li> <li>4. Non-resident SMC Course, USASMA. Subsequent positions also graded SGM.</li> <li>5. Command Sergeants Major Course (CSMC) and Command Sergeants Major Spouse Course (CSMSC) instructional element branch or section USASMA.</li> </ol>
8	CH INSTRUCTOR/ WRITER CH WRITER/INSTRUC- TOR	SGM	1	1	1	1	1	1	1	1	1	1	1	1	
9	CPX MGT NCO	MSG		1	2	3									<ol style="list-style-type: none"> <li>1. Command Post Exercise (CPX) Branch of USASMA.</li> <li>2. Use with ASI 2S.</li> </ol>
10	SR CPX MGT NCO	SGM	1	1	1	1									
11	PLDC SMALL GROUP LDR	SSG													Primary Leadership Development Course (PLDC) instructional element; department, division, branch, or section of Noncommissioned Officers Academy (NCOA), mentoring a group of not more than eight students.
12	BNCOC SMALL GROUP LDR	SSG													BNCOC instructional element; department, division, branch, or section of NCOA, mentoring 12 to 16 students.
13	ANCOC SMALL GROUP LDR	SFC													ANCOC instructional element; department, division, branch, or section of NCOA, mentoring 12 to 16 students.
14	SR SMALL GROUP LDR	SFC													Supervision of four small group leader (SGL) in PLDC, BNCOC and ANCOC instructional element.
15	BRANCH CHIEF	MSG													<ol style="list-style-type: none"> <li>1. Principal NCO in PLDC, BNCOC and ANCOC instructional element, branch in NCOA of service school, TRADOC; and Division or Corps of FORSCOM, USAREUR, USARPAC and EUSA.</li> <li>2. Supervision of Sr SGL in PLDC, BNCOC and ANCOC instructional element.</li> </ol>

**Table 11-1**  
**Standards of grade instructor and advisor—Continued**

Line	Duty position	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
16	PLDC CHIEF INSTRUCTOR	MSG													Noncommissioned Officers Course of Instruction in USAREUR and 7th Army NCOA.
17	CH TRAINING INSTRUCTOR	MSG													Division or Corps NCOA of FORSCOM.
18	ASSISTANT COMMANDANT	MSG													1. Service school of TRADOC. 2. Division NCOA of FORSCOM. 3. SQI H will not be used with this position.
19	SMC INSTRUCTOR/ WRITER SMC WRITER/ INSTRUCTOR	MSG													Instructional element; department, division, branch of USASMA.
20	ASSISTANT COMMANDANT	SGM													1. Corps NCOA of FORSCOM. 2. NCOA of 7th Army CAC. 3. SQI H will not be used with this position.
21	SMC SMALL GROUP LDR	NR-SMC SGM FACILITATOR													1. Sergeants Major Course (SMC) instructional element; department, branch, or section of SMA. 2. Command Sergeants Major Course and Command Sergeants Major Spouse Course instructional element department, branch, or section of USASMA.
<b>ROTC</b>															
22	INSTRUCTOR	SSG		1	2	3	4	4	5	6	6	7			Grades of additional positions will be in same pattern and applied to the same instructional element i.e., section, paragraph.
23	MILITARY SCIENCE INSTRUCTOR	SFC	1	1	1	1	1	1	2	2	2	3	3		
24	MILITARY SCIENCE INSTRUCTOR	SFC		1											1. ROTC unit. 2. Additional positions will be graded per lines 22 and 23.
25	SR MIL SCIENCE INSTRUCTOR	MSG	1	1											
<b>ROTC military and civilian colleges with a Corps of cadets</b>															
26	SR MIL SCIENCE INSTRUCTOR	MSG		1											1. Military and civilian colleges with a Corps of Cadets: a. Military: (1) Norwich Univ, VT. (2) North Georgia Univ, GA. (3) Citadel, SC. (4) Virginia Military Institute, VA. b. Civilian: (1) Texas Agricultural and Mechanical Univ, TX. (2) Virginia Polytech Institute, VA. 2. Additional positions will be graded per lines 22 and 23.
27	CH MIL SCIENCE INSTRUCTOR	SGM	1	1											
<b>USAR and ARNG</b>															
28	ENLISTED ADVISOR	SSG													Serves as advisor to unit with senior or chief enlisted advisor.
29	SENIOR ENLISTED ADVISOR	SFC													Primary duty as principal enlisted advisor to company, battery, troop, detachment, team, dispensary and or clinic.
30	CHIEF ENLISTED ADVISOR	MSG													Primary duty as principal enlisted advisor to battalion and/or squadron.
31	JUNIOR ADVISOR	SSG													Enlisted advisor to host country unit(s) training center or service school in same MOS as authorized enlisted advisor, or when authorized as enlisted advisor to host country division, regiment, Corps, EAC, TA, or Army Hq general or special staff section.
32	ADVISOR	SFC													Primary duty as the sole enlisted advisor to host country unit(s) training center, or service school in any given MOS, or when authorized to primary duty as senior or the sole assistant to principal enlisted advisor to host country, division, regiment, Corps, EAC, TA, or Army Hq general or special staff section.

**Table 11-1**  
Standards of grade instructor and advisor—Continued

Line	Duty position	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
33	CHIEF ADVISOR	MSG													Primary duty as principal enlisted advisor to: 1. Host country training center or service school. 2. Host country battalion or squadron. 3. Host country division, regiment, Corps, EAC, TA or Army Hq general or special staff section.
34	SENIOR ADVISOR	MSG													1. Primary duty in secondary area or training host country, regiment, combat command, brigade, division artillery, division, Corps, EAC, TA or Army Hq in the field. 2. Two MSG may be authorized in each TD paragraph in secondary operational areas of training when chief enlisted advisor field training position is graded SGM. 3. One MSG may be authorized as the only advisor for technical service position.
35	CHIEF ENLISTED ADVISOR	SGM													1. Primary duty as principal advisor to brigade, regiment, combat command, division artillery, division, Corps, EAC, TA or Army Hq. 2. Office of senior advisor as principal enlisted advisor to State Adjutant General.
36	CHIEF ADVISOR	SGM													1. Primary duty as principal enlisted advisor to host country, regiment, combat command, brigade, division artillery, division, Corps, EAC, TA, and Army Hq. 2. Principal NCO in the office of the senior training officer. 3. One SGM may be authorized in each TD paragraph in primary operational area of training or advisory effort, i.e., Infantry MOS 11B.

**Assistant to instructors, all training activities**

37	INSTRUCTOR APPRENTICE	PFC			1	1	1	2	2	2	3	3	3		Grades of additional positions will be in same pattern.
38	INSTRUCTOR AIDE	SPC			1	1	1	2	2	2	3	3	3	4	
39	INSTRUCTOR ASSISTANT	SGT				1	1	1	2	2	2	3	3		

Notes:

<sup>1</sup> \*Blank spaces in this column indicated not applicable.

**Table 11-2**  
Standards of grade for training developer and writer (SQI 2)

Line	Duty position	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
<b>Army Service School and Training Center; MACOM subordinate command</b>															
1	Training dev/writer	SSG			1	2	3	4	4	5	6	6	7		1. Grades of additional positions will be in same pattern and applied to the total aggregate within the same instructional, training doctrinal element, i.e., section or paragraph. 2. Systems Approach to Training (SAT) Section, Branch or Division in a Training Department or Directorate of Training and Doctrine (DOTD or DOT), Army Service School and Training Center; or in a Department of Defense and Interservice School for Army personnel. 3. Product Development Team in Curriculum Center and Unit Training Division of Hq CASCOM: a. Team when authorized the first position will be graded SFC for a separate MOS. b. Team, when grade SFC is the capper for multiple MOS (i.e., CMF 63, MOS 63H SFC, capper for MOS 63G, 63H, and 63W) positions will be graded cumulative within the same section or paragraph by lines 1-2.
2	Sr training dev/writer	SFC			1	1	1	1	1	2	2	2	3	3	
3	Training dev/writer	SSG				1	2								Primary Leadership Development SAT Branch in DOTD or DOT of USAMA.
4	Sr training dev/writer	SFC			1	1	1								

**Table 11-2**  
**Standards of grade for training developer and writer (SQI 2)—Continued**

Line	Duty position	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
5	Training dev/writer	SFC	1	2											Basic NCO Leadership Development SAT Branch in DOTD or DOT of USASMA.
6	Sr training dev/writer	MSG	1	1	1										
7	Sr training dev/writer	MSG	1	2											1. Advanced NCO Leadership Development SAT Branch in DOTD or DOT of USASMA. 2. Subsequent positions will also be graded MSG.
8	Ch training dev/writer	SGM	1	1	1										
9	Ch training dev/writer	MSG													1. Principal Tng Dev/wrtr provided there are 15 or more enlisted Tng Dev/wrtrs within the same Instr Sys Dev SAT element in DOTD or DOT of U.S. Army Service School. 2. CASCOM; a. Principal Dev/wrtr team member in Pro Dev Tm of CASCOM Curriculum Center, Hq CASCOM. When authorized one per CMF and/or MOS. b. Principal Tng Dev/wrtr in Unit Tng Div of Hq CASCOM. When authorized one per CMF and/or MOS. c. Subsequent Tng Dev/wrtrs graded by lines 1-2.
10	Ch training dev/writer	SGM													Principal Tng Dev/wrtr provided there are 32 or more enlisted Tng Dev/wrtrs within: a. DOTD or DOT of U.S. Army Service School or training center or DOTE, USASMA. b. Curr Ctr of Hq CASCOM. Only one SGM may be authorized with CMF and/or MOS immaterial.
11	SMC tng dev/analyst	SGM													Tng and Concepts Br in DOTD or DOT or Analysis Br of USASMA.
12	SMC tng dev/writer	SGM													Instr Sys Dev (SAT) Div in DOTD or DOT of USASMA.
13	EXTERNAL EVAL NCO	SGM													External Eval Br and Internal Eval Br, DOTE of USASMA.
14	CH PLDC DEV	SGM													Primary Leader Development Course, DOTE or USASMA.
15	CH ANCOC/BNCOC DEV	SGM													ANCOC/BNCOC, Br, DOTE or USASMA.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

**Table 11-3**  
**Standards of grade drill sergeant (SQI X)**

Line	Duty position	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
<b>Army Service School and Training Center</b>															
1	Drill sergeant ldr	SSG	1	2	3	4	4	5	6	6	7				1. Grades of additional positions will be in same pattern and applied to the total aggregate within the same instructional element. i.e., section, paragraph. 2. BT and OSUT platoon in company, battery, or troop of a training activity. 3. AIT in company, battery or troop of training activity.
2	Sr drill sergeant ldr	SFC	1	1	1	1	1	2	2	2	3	3			
3	Drill sergeant ldr	SSG	1	2	3	4	5								Branch in a Drill Sergeant (DS) School when not colocated with a NCOA.
4	Sr drill sergeant ldr	SFC	1	1	1	1	1	1							
5	Ch drill sergeant ldr	MSG													Branch chief in DS Br of NCOA.
6	Asst commandant	MSG													DS School when not colocated with, nor structured under a NCOA.

**ATC TASK Force Proficiency Training (Pro Tng) (SQI X)**

**Table 11-3  
Standards of grade drill sergeant (SQI X)—Continued**

Line	Duty position	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
7	Drill sergeant ldr	SSG													1. Hq Task Force (TF) Pro Tng Elm in Tng Bde of ATC to provide continuity in BT instruction to U.S. Army Reserve personnel. 2. One Drill Sergeant Leader (DSL) per platoon Hq section.
8	Sr drill sergeant ldr	SFC													1. Hq TF Pro Tng Elm in Tng Bde of ATC for primary duty as principal evaluator to U.S. Army Reserve company, battery, troop, detachment, team, dispensary, and Troop Med Clinic. Only one SFC per Tng Co, Btry, Trp, Det, Tm, Disp and Trp Med Cl. 2. Mobile Tng Tm Elm, Hq TF Pro Tng in Tng Bde of ATC for U.S. Army Reserve unit level skill task instruction and application "Hands On" training. Only one SFC per mobile Tng Tm.
<b>Hq U.S. Army TRADOC (SQI X)</b>															
9	DS ops tng NCO	SFC													BT Div in Ind Tng Dir of ODCST, TRADOC.
<b>USAR Leadership Academy (SQI X)</b>															
10	Drill sergeant ldr	SSG	1	2	3	4	4	5	6	6	7				Training company, battery, troop, and detachment in a training battalion or squadron of a division, brigade, and/or regiment.
11	Sr drill sergeant ldr	SFC	1	1	1	1	1	2	2	2	3	3			
12	Chief drill instructor	MSG													Principal drill instructor in instructional element of U.S. Army Reserve Leadership Academy provided there are 15 or more enlisted drill instructor positions.
<b>U.S. ARNG (SQI X)</b>															
13	Sr drill instructor	SFC													1. Drill instructor section in Hq of State Area Command (STARC). 2. Administration section in Hq of STARC, PR.
14	Ch drill instructor	MSG													Training division in Military Academy of STARC, ME.
Notes:															
1 *Blank spaces in this column indicate not applicable.															

**Table 11-4  
Standards of grade military assistance advisory group (MAAG)**

Line	Duty position	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
<b>Army Service School and Training Center</b>															
1	Senior MAAG NCO	MSG													1. Principal NCO in Hq of MAAG unit with 75 to 124 soldiers and 2 or more are graded SFC and classified in other than SQI "H". 2. Principal NCO in Admin or comparable section of MAAG unit with 125 or more soldiers. 3. Principal NCO in Ops and Tng or comparable section of MAAG unit with 175 or more soldiers. 4. Principal NCO in Log or comparable section of MAAG unit with 225 or more soldiers.
2	Chief MAAG NCO	SGM													Principal NCO in Hq of MAAG unit with 125 or more soldiers.

**Table 11-5  
Standards of grade technical or tactical boards, research and development, test and evaluation (RDTE) NCO**

Line	Duty position	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
1	RDTE NCO	SSG		1	2	3	4	4	5	6	6	7		Research, Development, Test and Evaluation Team, Sec, Tm, Br, Div of Tech or Tact Board in Dir for Test and Eval of: a. Opr Test and Eval Cmd (OPTEC). b. U.S. Army Materiel and Forces Command. c. U.S. Army Training and Doctrine Command, Service Schools and Centers. d. Academy of Health Sciences, AMEDD School, AMEDD Center, and Medical R&D. e. Special Operations. f. Army Space Institute. g. Logistic Centers. h. Field Operating Agencies. i. Intelligence Security Command. j. Oversea Command (OCONUS).
2	RDTE NCO	SFC	1	1	1	1	1	2	2	2	3	3		
3	Senior RDTE NCO	MSG												1. Principal NCO of sub-element, project, or primary sub-function in a major unit element of a technical or tactical board with: a. Two or more positions graded SFC. b. Supervision of 20 or more soldiers is required. 2. Principal NCO in a major unit element of technical or tactical board with 19 or less soldiers, or grade SGM is not authorized.
4	Chief RDTE NCO	SGM												Principal NCO of technical or tactical board with 20 or more enlisted soldiers.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

**Table 11-6  
Standards of grade technical intelligence analyst NCOTOE/MTOE**

Line	Duty position	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
1	Tech intel analyst	SSG	1	1	2	3	4	4	5	6	6	7		1. Grading standard for use with SRC 34 series only. 2. EAC TI Sec of MI TI Plt; TI Tm; TI Det; TI Co; TI Bn; and Joint Mat Exploit Ctr for analysis, exploit and coordinate the collection and retrieval of foreign materiel. 3. Grade SSG in first position of each MOS identified in the same section, paragraph. 4. This grading standard is not for use with CMFs 18, 25, 37, 38, 46, 71, 79, 92, 94, 95 and 97 related MOS.
2	Sr tech intel analyst	SFC	1	1	1	1	2	2	2	3	3			

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

**Table 11-7  
Standards of grade maintenance assistance and instruction team (MAIT) NCO**

Line	Duty position	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
1	MAIT NCO	SSG	1	1	2	3								Grades of additional positions will be in same pattern and applied to the total aggregate within the same assistance and instruction team, section, or paragraph.
2	Sr MAIT NCO	SFC	1	1	1									
3	MAIT team chief	MSG												Principal NCO when population is 15,000 military and no commissioned officer, warrant officer or civilian is authorized as team chief.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

**Table 11-8  
Standards of grade installers (SQI I)**

Line	Duty position	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
1	APPRENTICE INSTALLER	SPC	1	1	2	2	2	3	3	3	4		1. Grades of additional positions will be in same pattern and applied to the total aggregate within the same section, or paragraph. 2. Second position graded SFC when 12 to 21 installers are authorized. 3. Installer positions for MOS 33W graded SFC.
2	INSTALLER	SGT	1	1	1	1	2	2	2	3	3	3	
3	INSTALLER	SSG		1	1	1	1	1	1	1	2		
4	SENIOR INSTALLER	SFC					1	1	1	1	1		
5	INSTALLATION QC INSP	SFC											One Quality Control inspector per 35 soldiers engaged in installation activities.
6	CHIEF INSTALLER	MSG											Principal installation NCO in installation company or detachment with 15 to 29 soldiers engaged in installation activities while operating as a team.
7	CHIEF INSTALER	SGM											Principal installation NCO in installation company or detachment with 30 or more soldiers engaged in installation activities while operating as a team.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

**Table 11-9  
Standards of grade senior staff NCO**

Line	Duty position	Grade	Explanatory notes
1	Senior staff NCO	SGM	Sub-MACOM or higher headquarters.

**Table 11-10  
Standards of grade ranges**

Line	Duty position	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
1	Range commo contrl	PFC			1	1	2						1. Work center managing training range, area and facility support. 2. Operates range radios and telephones.
2	Range commo contrl	SPC			1	1	2	2					
3	Range commo NCO	SGT			1	1	1	1	1				
4	Range safety inspector Range patrol NCO Range control sh ldr Range scheduling NCO Range maintenance insp	SGT			1								Range, or Range and Training Branch of: a. Range or Range and Training Division (Tng Div). b. Directorate for Plans, Training and Mobilization (DPTM) in Training Center (Tng Ctr and Installation (Instl) Area. c. S2/S3 in Range Command (Rng Cmd) of U.S. Army Garrison (USAG).
5	Range safety inspector Range patrol NCO Range control sh ldr Range scheduling NCO Range maintenance insp	SSG			1	1							
6	Range radio tel opr Range scty guard Range operations sp	PFC											Work center managing training range in: a. Area and facility support in Range and Operations Branch of a Range or Range and Tng Div of the DPTM, Tng Ctr and Instl. b. Area and facility support of USAG.
7	Range asst safety insp Range asst patrol sp Range asst control sp Range asst sched sp	SPC											Work center as additional positions supporting range operations.

**Table 11–10**  
Standards of grade ranges —Continued

Line	Duty position	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
8	Range control NCO	SSG													Principal Range NCO of: a. Small arms range, indoor and outdoor. b. Range section of DPTM in Tng Ctr and Instl or USAG.
9	Range maintenance NCO Range tgt const NCO Range RET opr/rep	SSG													Range Branch or Section for maintenance, construction, repair of Radio Electronic Targets (RET), and verifying safety conditions of: a. Training range, and/or area. b. Range, or Range and Tng Div in: (1) Tng Ctr and Instl. (2) Area or USAG.
10	Range MOUNT tng NCO	SSG													Principal Military Operations Urbanized Terrain (MOUNT) Range NCO in Range Operations Branch of DPTM in a Tng Ctr and Instl or USAG.
11	Range control NCO	SFC													Principal NCO in a multi-purpose, track tank, missile, artillery, radio electronic target, gunnery and operations, communications-electronic operations, plotting, ballistic aerial target system and Range Operations Branch in: a. Range, Range and Tng Div of the DPTM. b. S2/S3 Sec of ADA Rng Cmd. c. DPTM in Tng Ctr and Instl of USAG.
12	Range safety sr sh ldr Range control NCO	SFC													Principal shift team leader supervising three or more range control safety inspection teams in: a. Range Safety Branch. b. Range, or Range and Tng Div of DPTM in a Tng Ctr and Instl or USAG.
13	Range scheduling NCO	SFC													Assistant to Principal NCO for Range Operations, Training, and Scheduling in Range or Range and Tng Div of DPTM in a Tng Ctr and Instl or USAG.
14	Range Maintenance NCO	SFC													Principal NCO supervising range maintenance, construction and target operator/repairers in Range, or Range and Tng Div of DPTM in a Tng Ctr and Instl or USAG.
15	Range ops/tng sr NCO	SFC													Principal Operations and Training NCO in Range, or Range and Tng Div of DPTM not authorized MSG in a Tng Ctr and Instl; area or USAG.
16	Range ops/tng ch NCO	MSG													Principal Operations and Training NCO in Range and Tng Div of DPTM with 20 or more enlisted range personnel in a Tng Ctr and Instl; area or USAG.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

**Table 11–11**  
Standards of grade threat analysis NCO

Line	Duty position	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1	THREAT ANALYSIS NCO	SSG		1	2	3	4	4	5	6	6	7			1. Grading of Threat Analysis positions will be restricted to the career management field most closely related to the training activity and its garrison in: a. Threat Office, Branch, or Division of TRADOC and AMEDD School. b. Threat Support Office of USAG. 2. This table will not be used with CMF 33, 96 and 98 in a TRADOC and AMEDD School and its Garrison (except Fort Huachuca). 3. Use of this grading table with CMF's 33, 96 and 98 is restricted to Fort Huachuca (U.S. Army Intelligence Center and School and its Garrison) only.
2	THREAT ANALYSIS NCO	SFC		1	1	1	1	1	2	2	2	3	3		

Notes:

<sup>1</sup> \*Blank spaces in this column indicates not applicable.

**Table 11-12**  
**Standards of grade for leader development/personnel proponent office NCO**

Line	Duty position	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
<b>Army Service School or Integrated Center and School Proponent Office; MACOM subordinate command</b>													
1	Career management NCO	SFC											1. Section, branch, or division in a leader development and/or personnel proponent office, and combat service support (CSS) personnel proponent division of CSS personnel proponenty directorate of Hq CASCOM for occupational analysis of MOS, ASI, SQI and career management field (CMF). 2. When authorized additional positions will be graded SFC.
2	Sr career mgt NCO	MSG											1. When authorized one position will be graded MSG per each CMF or proponent school and subsequent positions graded by line 1 in: a. Leader development/personnel proponent office, i.e., Adjutant General, Finance, Chaplain, Judge Advocate, and PAO personnel proponent office. b. CSS Personnel Proponent Division of CSS Prop Dir, Hq CASCOM. 2. AMEDD Personnel Proponent Dir/Div, Officer Pers Proponent Div/Br, Enl Pers Prop Div/Br, Force Struc Div/Br, Sys Div/Br for occupational analysis of AOC, MOS, SQI, ASI and CMF 91. Subsequent positions also graded MSG.
3	Leader dev NCO	MSG											Leader Development Division/Branch, AMEDD Personnel Proponent Directorate/Division for leader development analysis and management of AOC and MOS within the AMEDD. Subsequent positions also graded MSG.
4	Ch career mgt NCO	SGM											1. Principal NCO for supervision of enlisted career management NCOs in: a. Leader development/personnel proponent office. b. Personnel proponent division of CSS Pers Prop Dir, Hq CASCOM. 2. Principal NCO in the AMEDD Personnel Proponent Dir/Div.

**Table 11-13**  
**Standards of grade program systems management NCO**

Line	Duty position	Grade	Explanatory notes
<b>TRADOC, U.S. Army Combined Center; U.S. Army Medical Department Board</b>			
1	Program sys mgt NCO	SFC	1. Systems management office. 2. Systems Development Branch of CAC.

**Table 11-14**  
**Standards of grade for directorate, combat development (DCD) NCO**

Line	Duty position	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
<b>Army Service School or Integrated Center and School; Academy of Health Sciences, AMEDD School, AMEDD Center; MACOM subordinate command.</b>													
1	Test/eval NCO	SSG											1. Grades of additional positions will be in same pattern and applied to the total aggregate within the evaluation element i.e., section or paragraph. 2. Testing or Evaluation Division or Branch in DCD. 3. Grade SFC authorized in first position of each CMF identified in the same section or paragraph.
2	Test/eval NCO	SFC	1	1	1	1	1	2	2	2	3	3	
3	Project NCO	SSG											1. When authorized any additional sections within DCD and not listed in table 3-14 positions will be titled and graded by lines 3 and 4 of this grading standard. 2. Concepts and Studies Div; or Operations, Administration, and/or Plans Div or Br of DCD.

**Table 11–14**  
**Standards of grade for directorate, combat development (DCD) NCO —Continued**

Line	Duty position	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
4	Project NCO	SFC	1	1	1	1	1	2	2	2	3	3	
<b>Army Service School or Integrated Center and School; Academy of Health Sciences and AMEDD Center Directorate, Combat Development DCD;MACOM subordinate command</b>													
5	Mat/log NCO	SSG		1	2	3	4	4	5	6	6	7	1. Grade SFC authorized in first position of each CMF identified in the same section or paragraph. 2. Materiel and Logistics Systems Div or Br of DCD.
6	Mat/log NCO	SFC	1	1	1	1	1	2	2	2	3	3	
7	Force struc/dev NCO	SSG		1	2	3	4	4	5	6	6	7	1. Grade SFC authorized in first position of each CMF identified in the same section or paragraph. 2. Force Structure, Design, and Integration Br of DCD.
8	Force struc/dev NCO	SFC	1	1	1	1	1	2	2	2	3	3	
9	Mat sys acq NCO	SSG		1	2	3	4	4	5	6	6	7	1. Grade SFC authorized in first position of each CMF identified within the same section or paragraph. 2. Materiel Systems Management or Acquisition Division or Branch of DCD. 3. Fix Branch and Sustain the Soldier Br, and a Team in Equipment Modernization Division of Modernization and Technology Dir, Hq CASCOM.
10	Mat sys acq NCO	SFC	1	1	1	1	1	2	2	2	3	3	
11	Combat dev NCO	SFC											1. Subsequent positions also graded SFC. 2. Hq CASCOM: a. Umbrella Concepts Section of Logistics Concepts Directorate. b. Fix Branch of Modernization and Technology Directorate. c. Logistics Branch of Automated Systems Division. d. CSSCS Division of Logistics Automation Directorate. e. Force Development and Evaluation Directorate. 3. Space, Tactical Software, and Organization and Personnel Systems Division or Branch of DCD. 4. Scenario/Wargaming and Operations Analysis Center of TRAC. 5. Production/Analysis and Technical Support Directorate in TRAC of WSMR. Use ASI D9with this position. 6. MARC C41 Branch, Training and Leader Development Branch, Training Production Division of CAC.
12	Senior project NCO	MSG											Concepts and Studies Div or Br of DCD provided there are 15 or more enlisted project NCOs authorized.
13	Sr mat/log NCO	MSG											1. Materiel and Logistics Systems Division of DCD provided there are 15 or more enlisted staff NCOs authorized. 2. Division and Branch in Modernization and Technology Directorate of Hq CASCOM. When authorized one MSG per CMF.
14	Sr mat sys acq NCO	MSG											1. Provided there are 15 or more enlisted acquisition NCOs authorized in Mat Sys Mgt or Acq Div of DCD. 2. Fix Branch and Sustain the Soldier Br in Modernization and Technology Directorate of Hq CASCOM. When authorized one MSG per CMF.
15	Sr test/eval NCO	MSG											Provided there are 15 or more enlisted evaluation NCOs authorized in Test and Eval Div or Br of DCD.
16	Sr cbt dev NCO	MSG											1. Organization, Documentation and Personnel System Division of DCD. When authorized one MSG per each CMF for preparation of TOE. 2. Fix Br in Modernization and Technology Directorate of Hq CASCOM. When authorized one MSG per each CMF for preparation of TOE.
17	Ch cbt dev NCO	SGM											1. Principal NCO in DCD provided there are 32 or more enlisted soldiers. 2. Principal NCO in DCD of the AHS/AMEDD Center and School.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

**Table 11-15**  
**Standards of grade for directorate of evaluation and standardization (DOES) NCO**

Line	Duty position	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
1	Training sys/eval NCO	SSG		1	2	3	4	4	5	6	6	7		1. Grade SFC authorized in first position of each CMF identified in the same section or paragraph. 2. Internal and External Evaluation and Training or Standardization and Analysis Div or Br of DOES. 3. Evaluation Team in Curriculum Ctr of Hq CASCOM.
2	Training sys/eval NCO	SFC	1	1	1	1	1	2	2	2	3	3		
3	Training sys/eval NCO	SFC												Internal Quality Assurance Division and Reserve Components Training Instruction/Evaluation Division, quality Assurance Directorate in ODCT of Hq TRADOC.
4	Sr tng sys/eval NCO	MSG												1. Evaluation Division or Branch in DOES provided there are 15 or more enlisted evaluators; or when grade SGM is not authorized in DOES. 2. Evaluation Team in Curriculum Center of Hq CASCOM. When authorized one MSG per CMF or MOS with subsequent positions graded by lines 1-2.
5	Ch tng sys/eval NCO	SGM												Principal NCO in DOES, provided there are 32 or more enlisted soldiers authorized.

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

**Table 11-16**  
**Standards of grade for training department (Schools) and exercise team NCO**

Line	Duty position	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
1	OPERATIONS/PROJECT NCO	SSG		1	2	3	4	4	5	6	6	7		1. Grade SFC authorized in first position of each CMF identified in the same section or paragraph. 2. Operations, Administration and/or Plans Division or Branch; and Deputy Commander for Tng in a AMEDD Center and AMEDD School.
2	OPERATIONS/PROJECT NCO	SFC	1	1	1	1	1	2	2	2	3	3		
3	TRAINING MGT NCO	SSG		1	2	3	4	4	5	6	6	7		1. Grade SFC authorized in first position of each CMF identified in the same section or paragraph. 2. Training Development Branch or Section in a Training Division of Training Department. 3. Exercise Support and Deployment Exercise Team in Exercise Division; and Unit Training Division of Hq CASCOM.
4	SR TRAINING MGT NCO	SFC	1	1	1	1	1	2	2	2	3	3		
5	COURSE MGT NCO	SSG		1	2	3	4	4	5	6	6	7		1. Grade SFC authorized in first position of each CMF identified in the same section or paragraph. 2. Training Course Development Branch in Training Division of Training Department.
6	SR COURSE MGT NCO	SFC	1	1	1	1	1	2	2	2	3	3		
7	OPERATIONS/PROJECT NCO	SSG		1	1	1	2	2	3	3	3	4	4	Administration/Operations Branch in Medical/Surgical Division of AHS/AMEDD Center and School.
8	OPERATIONS/PROJECT NCO	SFC		1	2	2	2	2	3	4	4	4		
9	OPERATIONS/PROJECT NCO	MSG					1	1	1	1	1	2		

**Assistant to operations/project and training management NCO, all training activities.**

**Table 11-16**  
**Standards of grade for training department (Schools) and exercise team NCO—Continued**

Line	Duty position	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
10	OPR/PROJECT AS-SISTANT TNG MGT ASSISTANT	PFC	1	1	1	2	2	2	3	3	3			Grades of additional positions will be in same pattern.
11	OPR/PROJECT AS-SISTANT TNG MGT ASSISTANT	SPC	1	1	1	2	2	2	3	3	3	4		
12	OPERATIONS/PROJECT NCO TNG MGT ASSISTANT	SGT		1	1	1	2	2	2	3	3			

Notes:

\*Blank spaces in this column indicate not applicable.

**Table 11-17**  
**Standards of grade directorate, plans, training and mobilization (DPTM) NCO**

Line	Duty position	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
<b>Army Service School, NCO Academy or Integrated Center and School; MACOM Functional Center and Installations or U.S. Army Garrison and Training Center; Academy of Health Sciences, AMEDD School and AMEDD Center.</b>														
1	Training/sched NCO	SGT		1	2	3	4							Scheduling and Analysis Section or Branch in Training Division of DPTM.
2	Training/sched NCO	SSG	1	1	1	1	1							
3	New systems tng NCO	SGT		1	1	1	1	2						1. New Equipment Training Branch in Training Division of DPTM. 2. New systems staffing requirements, i.e., crews, teams, or squads for initial operation evaluation (IOE), operator instructor and key personnel (I&KP) course, new equipment training (NET), and force development test and evaluation (FDTE) will be MOS specific, titled and graded per the SG in chapter 2.
4	New systems tng NCO	SSG		1	1	2	2	2	2					
5	Sr new systems tng NCO	SFC	1	1	1	1	2	3	3					
6	Training mgt NCO	SGT		1	1	2								1. Section or Branch in Training Division of DPTM. 2. Unit Training Battalion or Squadron in Training Division of DPTM the first position graded SSG and subsequent positions SGT.
7	Training mgt NCO	SSG		1	1	2	2							
8	Sr training mgt NCO	SFC	1	1	1	1	1							
9	Test/evaluation NCO	SGT							1	2				1. Test and Evaluation and Quality Assurance Branch in Test and Evaluation Division of DPTM. 2. First position of each MOS identified in the same section, paragraph, will be graded SFC.
10	Test/evaluation NCO	SSG		1	2	3	4	4	4	4				
11	Sr test/evaluation NCO	SFC	1	1	1	1	1	2	2	2				
12	Test control NCO	SSG		1	2	3	4	4	5	6	6	7		1. Testing Section or Branch in Training Division of DPTM. 2. First position of each MOS identified in same section, paragraph, will be graded SFC.
13	Sr test control NCO	SFC	1	1	1	1	1	2	2	2	3	3		
14	Learning ctr mgt NCO	SSG												Learning Center in Training Brigade of U.S. Army Training Center.
15	Force integration NCO	SSG												1. Force Development Section in Plans, Operations and Mobilization Division (POMD) of DPTM. 2. Unit(s) with 20,000 or less assigned and attached military personnel positions graded SSG.

**Table 11–17**  
**Standards of grade directorate, plans, training and mobilization (DPTM) NCO—Continued**

Line	Duty position	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
16	Force integration NCO	SFC													1. Force Development Section in POMD of DPTM. 2. Unit(s) with 20,000 or more assigned and attached military personnel positions graded SFC.
17	Ch test control NCO	MSG													DPTM, provided there are 15 or more test control NCOs graded by lines 12 and 13.
18	Ch test/evaluation NCO	MSG													Test and Evaluation Division of DPTM, provided there are 15 or more test/evaluation NCOs graded by lines 9, 10 and 11.

Notes:  
<sup>1</sup> \*Blank spaces in this column indicate not applicable.

**Table 11–18**  
**Standards of grade operations, intelligence and training sergeant**

Line	Duty position	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
<b>Army Service School, NCO Academy or Integrated Center and School; MACOM Functional Center and Installation; U.S. Army Garrison and Training Brigade; Academy of Health Sciences, AMEDD School and AMEDD Center; CONUSAs and Unified and Specified Commands; U.S. Army Reserve Exercise Division</b>															
1	Operations sergeant Training sergeant	SGT		1	2	3	4								1. Training Office of Course Director, or Training Course Dir for OSUT; or Committee.
2	Operations sergeant Intelligencesergeant** Training sergeant	SSG	1	1	1	1	1								2. Basic or Advanced Individual Training Company, Battery or Troop. 3. Company, Battery, or Troop in a non-training mode, i.e., HHC of TRADOC or FORSCOM. 4. Academy Training Company of AHS/AMEDD School and Center. 5. **Intelligence sergeant position graded SSG when authorized. 6. Additional positions will be graded by lines 22-24. 7. Table will not be used with CMFs 33, 96 and 98 in TRADOC and AMEDD School and its Garrisons (except Ft Huachuca). 8. Use of this grading table with CMFs 33, 96 and 98 is restricted to Ft Huachuca (U.S. Army Intelligence Center and School and its Garrison) only.
3	Training sergeant	SSG		1	2	3	4	4	5	6	6	7			1. Test/Eval Section, branch, or division in S2/S3 or S3 Section of ATC.
4	Sr training sergeant	SFC	1	1	1	1	1	1	2	2	2	3	3		2. Additional positions will be graded by lines 22-24. 3. Table will not be used with CMFs 33, 96 and 98 in TRADOC and AMEDD School and its Garrisons (except Ft Huachuca). 4. Use of this grading table with CMFs 33, 96 and 98 is restricted to Ft Huachuca (U.S. Army Intelligence Center and School and its Garrison) only.

**Table 11-18**  
**Standards of grade operations, intelligence and training sergeant—Continued**

Line	Duty position	Grade	Number of positions*										Explanatory notes			
			1	2	3	4	5	6	7	8	9	10				
5	Operations sergeant Training sergeant	SGT			1	2	3								1. Branch or sub-division of DPT, DPTM or DPTM section, i.e., Evaluation (EVAL), Plans, Operations and Mobilization Division (POMD), and Tng and Reserve Component Support (TRCS) Division. 2. S2/S3 Sec in Basic Training (BT) Committee Gp, Basic Marksman Committee, and Combat Indoctrination Committee. 3. Tng Spt Br; Ops, Plans and Tng Div of the Ofc, Asst Ch of Stf for Scy, Plans and Ops (ACSSPO), Tng Cmd, USAREUR/7A. 4. Ops Sec, Br or Div of NCOA. 5. Ofc of the Dir, Ind Tng Dir in the ODCST of Hq TRADOC. 6. Acad Tng Bn of AHS/AMEDD Ctr and Sch. 7. S2/S3 Sec in Fld Ex Bn of Fld Ex Bde USAR Tng Ex Div. 8. **Intelligence sergeant position graded SSG when authorized. 9. Additional positions will be graded by lines 22-24. 10. Table will not be used with CMFs 33, 96 and 98 in TRADOC and AMEDD School and its Garrisons (except Ft Huachuca). 10. Use of this grading table with CMFs 33, 96 and 98 is restricted to Ft Huachuca (U.S. Army Intelligence Center and School and its Garrison) only.	
6	Operations sergeant Trainingsergeant Intelligence sergeant**	SSG		1	1	1	1									
7	Operations sergeant	SFC	1	1	1	1	1									
8	Operations sergeant Training sergeant	SGT			1	2	3	3								1. DRCS, EVAL, POMD and Tng Div of the DPT/DPTM or DPTM Sec. 2. S2/S3 or S3 Sec in Tng Bn of Tng Bde; and CONUSA. 3. Ind Tng Dir in Tng Cmd of 7A. 4. Tng Device Sec in Dir for Plans Tng Mgt Br of MILCOM, USAREUR. 5. **Intelligence sergeant position graded SFC when authorized. 6. Additional positions will be graded by lines 22-24. 7. Table will not be used with CMFs 33, 96 and 98 in TRADOC and AMEDD School and its Garrisons (except Ft Huachuca). 8. Use of this grading table with CMFs 33, 96 and 98 is restricted to Ft Huachuca (U.S. Army Intelligence Center and School and its Garrison) only.
9	Operations sergeant Training sergeant	SSG		1	1	1	1	2								
10	Operations sergeant Intelligence sergeant**	MSG	1	1	1	1	1	1								
11	Operations sergeant Trainingsergeant Lanes tng NCO	SFC		1	2	3	4	5								1. Ops Br in Dir of Ops/Spt in AHS/AMEDD Center and School. 2. Ops Br, Plans Br and Tng Br of the Ofc G3 USAR Tng Div Ex. 3. S3 Sec in Fld Ex Bn and Log Spt Bn of Fld Ex Bde of USAR Tng Div Ex. 4. Table will not be used with CMFs 33, 96 and 98 in TRADOC and AMEDD School and its Garrisons (except Ft Huachuca). 5. Use of this grading table with CMFs 33, 96 and 98 is restricted to Ft Huachuca (U.S. Army Intelligence Center and School and its Garrison) only.
12	Operations sergeant Training sergeant	MSG	1	1	1	1	1	1								
13	Operations sergeant Training sergeant	SSG			1	2	3	4	5	6	7					1. DPT, DPTM or DPTSEC. 2. S2/S3 or S3 Sec in: a. Sch of ATC. b. Tng Bde. c. Gp Hq. d. CONUSA. 3. Tng Cmd of USAREUR/7A. 4. S2/S3 Sec of Fld Ex Bde of USAR Tng Div Ex. 5. **Intelligence sergeant position graded MSG when authorized. 6. Additional positions will be graded by lines 22-24. 7. Table will not be used with CMFs 33, 96 and 98 in TRADOC and AMEDD School and its Garrisons (except Ft Huachuca). 7. Use of this grading table with CMFs 33, 96 and 98 is restricted to Ft Huachuca (U.S. Army Intelligence Center and School and its Garrison) only.
14	Operations sergeant Training sergeant	SFC		1	1	1	1	1	1	1	1					
15	Operations sergeant Intelligence sergeant**	SGM	1	1	1	1	1	1	1	1	1					

**Table 11-18**  
**Standards of grade operations, intelligence and training sergeant—Continued**

Line	Duty position	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
16	Intelligence sergeant	SSG													<ol style="list-style-type: none"> <li>1. Intel and Scty Sec or Br of the Ofc, Asst Ch of Stf for Scty in the ACSSPO, Tng Cmd of USAREUR/7A.</li> <li>2. When position is designated for Army in a joint unified and specified command.</li> <li>3. Intel Br of the Ofc G3 USAR Tng Div Ex as third position.</li> <li>4. Table will not be used with CMFs 33, 96 and 98 in TRADOC and AMEDD School and its Garrisons (except Ft Huachuca).</li> <li>5. Use of this grading table with CMFs 33, 96 and 98 is restricted to Ft Huachuca (U.S. Army Intelligence Center and School and its Garrison) only.</li> </ol>
17	Operations sergeant	SSG													<ol style="list-style-type: none"> <li>1. When position is designated for Army in a joint unified and specified command.</li> <li>2. Table will not be used with CMFs 33, 96 and 98 in TRADOC and AMEDD School and its Garrisons (except Ft Huachuca).</li> <li>3. Use of this grading table with CMFs 33, 96 and 98 is restricted to Ft Huachuca (U.S. Army Intelligence Center and School and its Garrison) only.</li> </ol>
18	Ops tng NCO	SFC													<ol style="list-style-type: none"> <li>1. ODCST of Hq TRADOC: <ol style="list-style-type: none"> <li>a. Ops/Spt Div of Tng Dev and Analysis Dir.</li> <li>b. Leader Dev Div of Ind Tng Dir.</li> <li>c. Field Liaison Div of Collective Tng Dir.</li> </ol> </li> <li>2. Table will not be used with CMFs 33, 96 and 98 in TRADOC and AMEDD School and its Garrisons (except Ft Huachuca).</li> <li>3. Use of this grading table with CMFs 33, 96 and 98 is restricted to Ft Huachuca (U.S. Army Intelligence Center and School and its Garrison) only.</li> </ol>
19	Intelligence sergeant	SFC													<ol style="list-style-type: none"> <li>1. S2/S3 or S3 Sec in Tng Bn of: <ol style="list-style-type: none"> <li>a. CONUSA.</li> <li>b. Tng Cmd of USAREUR/7A.</li> </ol> </li> <li>2. Intel Br of the Ofc G3 USAR Tng Div Ex as second position.</li> <li>3. Table will not be used with CMFs 33, 96 and 98 in TRADOC and AMEDD School and its Garrisons (except Ft Huachuca).</li> <li>4. Use of this grading table with CMFs 33, 96 and 98 is restricted to Ft Huachuca (U.S. Army Intelligence Center and School and its Garrison).</li> </ol>
20	Intelligence sergeant	MSG													<ol style="list-style-type: none"> <li>1. S2/S3 or S3 Sec in: <ol style="list-style-type: none"> <li>a. Sch or Tng Bde.</li> <li>b. Gp Hq or CONUSA.</li> <li>c. Tng Cmd of USAREUR/7A.</li> </ol> </li> <li>2. Intel Br of the Ofc G3 USAR Tng Div Ex.</li> <li>3. Table will not be used with CMFs 33, 96 and 98 in TRADOC and AMEDD School and its Garrisons (except Ft Huachuca).</li> <li>4. Use of this grading table with CMFs 33, 96 and 98 is restricted to Ft Huachuca (U.S. Army Intelligence Center and School and its Garrison) only.</li> </ol>
21	Ch operations sergeant	SGM													<ol style="list-style-type: none"> <li>1. Principal NCO in Office of Commander in USAG and/or sub-installation of a MACOM when CSM is not authorized.</li> <li>2. Table will not be used with CMFs 33, 96 and 98 in TRADOC and AMEDD School and its Garrisons (except Ft Huachuca).</li> <li>3. Use of this grading table with CMFs 33, 96 and 98 is restricted to Ft Huachuca (U.S. Army Intelligence Center and School and its Garrison) only.</li> </ol>
<b>Assistant to Operations, Intelligence and Training Sergeant in Training Activities, Functional Centers, Installations; the Academy of Health Sciences, AMEDD School and AMEDD Center; Unified and Specified Commands and MACOMs</b>															
22	Operations assistant Intel assistant Training assistant	PFC	1	1	1	2	2	2	3	3	3				<ol style="list-style-type: none"> <li>1. Grades of additional positions will be in same pattern.</li> <li>2. Table will not be used with CMFs 33, 96 and 98 in TRADOC and AMEDD School and its Garrisons (except Ft Huachuca).</li> <li>3. Use of this grading table with CMFs 33, 96 and 98 is restricted to Ft Huachuca (U.S. Army Intelligence Center and School and its Garrison) only.</li> </ol>
23	Operations assistant Intel assistant Training assistant	SPC	1	1	1	2	2	2	3	3	3	4			

**Table 11–18  
Standards of grade operations, intelligence and training sergeant—Continued**

Line	Duty position	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
24	Asst operations sgt Asst intel sgt Asst training sgt	SGT		1	1	1	2	2	2	3	3			

Notes:  
<sup>1</sup> \*Blank spaces in this column indicate notapplicable.

**Table 11–19  
Standards of grade TDA—inspector general (IG) Inspection and IG assistant and investigation NCO**

Line	Duty position	Grade	Explanatory notes
1	Inspection NCO	SFC	1. Principal NCO in Inspector General (IG) Office in U.S. Army Service School, Center, Installation or Garrison when IG position is graded MAJ and population served is 5,000 to 8,000. 2. Team member in IG office, section, branch or division performing maintenance and tactical inspection on weapons, vehicles, communications equipment and its associated components. 3. Maintenance and tactical inspection NCO positions will be MOS specific and reflect the MOS official title, followed by the suffix "insp NCO".
2	Asst/investigation NCO	SFC	1. Action NCO in Assistance and Investigation section of the IG office. 2. Additional assistant and investigation (IG) NCO positions will be graded SFC.
3	Inspector general NCO	MSG	1. Principal NCO in: a. IG office of U.S. Army Service School, Center, Installation, Garrison, Corps or MACOM when IG position is graded LTC and population served is 8,000 to 20,000. b. When grade of SGM is not authorized. 2. Additional assistant IG NCO positions will be graded SFC and titled by line 1, explanatory note 3, or as "Asst IG NCO".
4	Inspector general NCO	SGM	1. Principal NCO in IG office of MACOM, Army, CONUSA or higher Hq when IG position is graded COL and population served is 20,000 or more. 2. Additional assistant IG NCO positions will be graded SFC and titled by line 1, explanatory note 3, or as "Asst IG NCO".

**Table 11–20  
Standards of grade chief training, management, operations and project NCO**

Line	Duty position	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
<b>Army Service School or Integrated Center and School; Academy of Health Sciences, AMEDD School and AMEDD Center.</b>													
1	Operations/project NCO	SSG		1	2	3	4	4	5	6	6	7	Operations Section in Office of the Commandant.
2	Operations/project NCO	SFC		1	1	1	1	1	2	2	2	3	3
3	Chief tng/mgt NCO	SGM											Principal NCO in: a. Office of the Commandant. b. Office of the Assistant Commandant when position is graded COL and does not exercise UCMJ authority.

Notes:  
<sup>1</sup> \*Blank spaces in this column indicate not applicable.

**Table 11–21  
Standards of grade technical inspection NCO**

Line	Duty position	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
1	Asst tech inspector	SGT		1	1	2	2	3	3	4	4	5	5	1. Full time position performing direct, general, intermediate and depot level maintenance support, quality assurance (QA) and quality control (QC) of weapons, systems, materiel, medical and associated equipment. 2. Technical inspection MOS positions will be MOS specific and reflect the MOS title or weapon, system specific, followed by the suffix "TI".
2	Technical inspector	SSG	1	1	2	2	3	3	4	4	5	5		
3	Qual con supv	SFC												Supervising 10 or more technical inspectors (except for aviation, CMF 67, "TI" position where grading is MOS specific.

Notes:

\*Blank spaces in this column indicate not applicable.

**Table 11–22  
Standards of grade Combat Training Centers, NTC, JRTC and CGSC NCOs (Table 3–22)**

Line	Duty position	Grade	Explanatory notes
<b>U.S. Army National Training Center(NTC)</b>			
1	Training support NCO	SSG	Support Division (Spt Div) of Operations Support Group (Ops Spt Gp).
2	Squad ldr indiv trn Team indiv trn	SSG	1. Section (Sec) or squad (Sqd) of Ops Spt Gp. Subsequent squad or team (Tm) "indv trn" NCO positions graded SSG. 2. Individual (indv) Sqd and Tm trainer (trn) will be MOS specific and reflect the branch action or echelon function followed by the suffix "indv trn" and graded SSG.
3	Individual trainer	SFC	1. Bde, Bn, or Co, Btry or Trp Stf Cbt Tng Elm, or Bde FSB in Spt Div of Ops Spt Gp. 2. Indv Tnr will be MOS specific and reflect the Br, action, or echelon function followed by the suffix "indv trn" and graded SFC.
4	Training NCO	SFC	Hq or Plans and Ops Br of Ops Spt Gp.
5	Operations sergeant	SFC	Ops Tm or in armor test analysis and fix (TAF) Sec of Ops Spt Gp. Subsequent operation Ops Tm and TAF Sec NCO positions graded SFC.
6	Platoon sgt indiv trn	SFC	1. Platoon Tng Elm in task force (TF) Cbt Tng Div of Ops Spt Gp. Subsequent Platoon Indv Tnr positions also graded SFC. 2. Plt Indv Tnr positions will be MOS specific followed by the suffix "Indv Tnr" and graded SFC.
7	TAC ops NCO	MSG	Tng analysis committee in Spt Div of Ops Spt Gp.
8	Sr NCO indiv trainer	MSG	1. Bde or Bn Stf TF Cbt Tng Elm, and Bde FSB Div of Ops Spt Gp. 2. Indv Tnr will be MOS specific and reflect the Br, action or echelon function followed by the suffix "IndvTnr" and graded MSG.
9	Operations sergeant	MSG	1. Hq or Plans and Ops Br. 2. Live Fire (LF) Range Ops Sec of Ops Spt Gp. 3. Subsequent Ops positions will be graded SFC.
10	Sr plans NCO	MSG	Plans Tm of Ops Spt Gp. Subsequent plans positions graded SFC.
11	Ch NCO indiv trainer	SGM	Operations Group: a. Principal Bde Tng NCO in Stf Cbt Tng Elm. b. Principal Bde Tng NCO in TF Tng and Bde FSB Div. c. Principal Bn Tng NCO in Stf Cbt Tng Elm.
<b>U.S. Army Joint Readiness Training Center(JRTC)</b>			
12	Data coll NCO	SSG	Command post exercise (CPX) Sec of Ops Gp. Subsequent data collection positions also graded SSG.
13	Squad ldr o/c	SSG	1. Observer/controller (o/c) or control (con) Tm in Sqd of Ops Gp. 2. Sec Tm Ldr o/c in Elm of Ops Gp.
14	Training mgt NCO	SFC	G3 Sec of Ops Gp.
15	TAF NCO	SFC	1. TAF Tm in Div of Ops Gp. Subsequent positions also graded SFC. 2. TAF NCO positions will be MOS specific and reflect the Br, action, or echelon function title.

**Table 11–22  
Standards of grade Combat Training Centers, NTC, JRTC and CGSC NCOs (Table 3–22)—Continued**

Line	Duty position	Grade	Explanatory notes
16	Controller	SFC	1. Ops and CPX Sec of Plans and Emergency Mgt Ctr(EMC) Div. 2. Live fire exercise (LFE) Div of OpsGp. 3. Contlr positions will be MOS specific and reflect the Br, or function followed by the suffix "contlr" and graded SFC.
17	Operations sergeant	SFC	1. Plans Sec in Plans/EMC Div of Ops Gp. 2.LFE Div of Ops Gp. 3. Subsequent operations positions also graded SFC.
18	Plans operations sgt	SFC	Sp Ops Sec in Plans/EMC Div of Ops Gp. Subsequent plans/ops positions also graded SFC.
19	Platoon sergeant o/c	SFC	1. Observer/control Plt Elm or Tm in Bde C2 Div of Ops Gp. 2. PSG o/c positions will be MOS specific and reflect the Br, action or echelon function title followed by the suffix "plt o/c."
20	Observer/controller	SFC	1. Observer/control Tm or Sec in Bde C2 Div of OpsGp. 2. Tm NCO o/c positions will be MOS specific and reflect the Br, action, or echelon function title followed by the suffix "plt o/c."
21	Sr NCO o/c	SFC	1. Maneuver Elm in Bn Task Force (BNTF) Tng Div of Ops Gp. Subsequent positions also graded SFC. 2. BNTF Tm NCO o/c positions will be MOS specific and reflect the Br, action, or echelon function title followed by the suffix "o/c."
22	Operations sergeant	MSG	1. S3 Sec of Ops Gp. Second ops position will be graded SFC. Subsequent Ops positions graded SSG and SGT respectively. 2. Ops Sec in Plans/EMC Div of Ops Gp. Subsequent positions will be graded SFC and SSG. 3. Sp Ops Sec in Ops Div of Ops Gp. Subsequent positions will be graded SFC. 4. Leaders Tng Prog Sec in "G3" Stf Sec of Ops Gp.
23	Sr ops NCO con	MSG	1. Principal NCO in: a. CPX Sec in Plans/EMC Div of Ops Gp. b. LFE Div of Ops Gp. 2. Controller positions will be MOS specific and reflect the Br, or function, action, echelon title function followed by the suffix "contlr" and graded MSG.
24	Sr NCO o/c	MSG	1. Bde, or Bn Stf NCO o/c in Ops Gp. 2. Sr NCO o/c positions will be MOS specific and reflect the Br, action, or echelon title function followed by the suffix "NCO o/c."
25	ARNG ops sgt con	MSG	Plans and EMC of Ops Gp.
26	First sergeant o/c	1SG	Principal NCO in Co Maneuver o/c Tm of Ops Gp.
27	LTP ops NCO	SGM	Principal NCO in Leadership Training Program (LTP) Div of Ops Gp Hq, JRTC.
28	Ch ops sergeant	SGM	G3 Sec and Plans/EMC Div of Ops Gp. Subsequent positions also graded SFC.
29	Ch NCO o/c	SGM	1. Principal Bde NCO o/c in: a. Bde C2 Div of Ops Gp. b. CSS Div of Ops Gp. c. FS Div of Ops Gp. d. Avn Div of Ops Gp. 2. Principal Bn NCO o/c in Task Force (BNTF) Tng Div of Ops Gp. 3. Chief NCO observer/controller positions will be MOS specific and reflect the Br, action, or echelon title function followed by the suffix "NCO o/c."
<b>U.S. Army Command and General Staff College (CGSC) Battle Command Training Program (BCTP)</b>			
30	Staff o/c	SFC	1. Ops Gp for BTCP Div and Corps simulation Tng at U.S. Army Command and General Staff College (CGSC). 2. Stf o/c positions will be MOS specific and reflect the Br, action, or echelon title function followed by the suffix "stf o/c."
31	Sr enlisted o/c	MSG	1. Ops Gp for BTCP Div and Corps simulation Tng at CGSC. 2. Sr enl o/c positions will be MOS specific and reflect the Br, action, or echelon title function preceded with the prefix "Sr" and followed by the suffix "o/c."
32	Operations sergeant	MSG	Ops Gp or Ops Div of CGSC. Subsequent positions will be graded SFC and SSG.
33	Ch enlisted o/c	SGM	1. Principal NCO in Ops Hq of CGSC. 2. Ch enlo/c positions will be MOS specific and reflect the Br, action, or echelon title function preceded with the prefix "Sr" followed by the suffix "o/c."
<b>U.S. Army Reserve Exercise Division</b>			
34	OPFOR NCO	SSG	Lane Team of Field Exercise Battalion. No more than two OPFOR NCOs in grade of SSG per Lane Team.

**Table 11–22  
Standards of grade Combat Training Centers, NTC, JRTC and CGSC NCOs (Table 3–22)—Continued**

Line	Duty position	Grade	Explanatory notes
35	OPFOR NCO	SFC	Lane Team of Field Exercise Battalion. No more than two OPFOR NCOs in grade of SFC per Lane Team.
36	PSG o/c	SFC	1. Principal platoon observer/controller NCO in Lanes Team of Field Exercise Battalion. Subsequent PSG o/c will be graded SFC. 2. PSG o/c positions will be MOS specific and reflect the Br, or function followed by the suffix "Plt o/c."
37	Lanemeister	SFC	1. Lane Team of Field Exercise Battalion. No more than one Lanemeister per Lane Team. 2. Lanemeister position will be MOS specific and reflect the Br, or function followed by the suffix "Lanemeister."
38	Lanes sr ops NCO	MSG	1. Principal NCO per Lanes Team of Field Exercise Battalion. No more than one MSG per Lanes Tem. 2. Lanes principal NCO position will be MOS specific and reflect the Br, or function followed by the suffix "Lanes sr ops NCO."

Notes:

<sup>1</sup> Blank spaces in this column indicate not applicable.

**Table 11–23  
Standards of grade operations and contingency plans NCO**

Line	Duty position	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
MACOM; AMEDD Center; Garrison; Unified and Specified Commands; and OCONUS Commands.													
1	Ops/contngcy plans NCO	SSG	1	1	2								1. Grades of additional positions will be in same pattern and applied to the total aggregate within the same work center element, i.e., section, paragraph. 2. Full time operations and contingency plans NCO functions in emergency operations work center (EOC), cell or office.
2	Ops/contngcy plans NCO	SFC	1	1	2	2							

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

**Table 11–24  
Standards of grade TOE/MTOE--Inspector general NCO**

Line	Duty position	Grade	Explanatory notes
1	INSPECTOR GENERAL NCO	SFC	1. Position coded in predominate MOS by type unit. 2. Principal NCO in IG Staff Sec when principal IG officer position is graded MAJ. 3. Subsequent IG NCO positions graded SFC in any MOS within the same CMF of principal NCO. Exception: MOS 24T in ADCOM. 4. Use with SQI B.
2	INSPECTOR GENERAL NCO	MSG	1. Position coded in predominate MOS by type unit. 2. Principal NCO in IG Staff Sec when principal IG officer position is graded LTC. 3. Subsequent IG NCO positions graded SFC in any MOS within the same CMF of principal NCO. 4. Use with SQI B.
3	INSPECTOR GENERAL NCO	SGM	1. Position coded in predominate MOS by unit type. 2. Principal NCO in IG staff Sec when principal IG officer position is graded COL. 3. Subsequent IG NCO positions graded SFC in any MOS within the same CMF of principal NCO. 4. Use with SQI B.

**Table 11–25**  
**Standards of grade for Active Component/Reserve Component (AC/RC) support**

Line	Duty position	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
1	___AC/RC coord NCO	SSG		1	1	2	2	3	3	4	4				1. Grades of additional positions will be applied to the total aggregate within the same instructional and/or support unit, i.e., section, paragraph. 2. Resident Training Detachment (RTD) of Readiness Group (RG) in Post, Camp, Station and/or geographical area (city). 3. Regional Training Team (RTT) of RG in Post, Camp, Station, and/or geographical area (city). 4. Operational Readiness Exercise (ORE) Detachment and or Team. 5. Position titles will reflect the MOS official title followed by the suffix AR/RC Coord NCO.
2	___AC/RC coord NCO	SFC	1	1	2	2	3	3	4	4	5	5			
3	Observer/controller OPFOR sergeant	SSG		1	2	3	4	5	5	6	6	7			AC/RC coord in Training Line Co, Btry and/or Trp of Training Battalion of Regional Training Brigade (RTB) Team of RG.
4	Team NCO o/c	SFC	1	1	1	1	1	1	2	2	3	3			
5	OPFOR sergeant Operations sergeant Training sergeant	SSG			1	2	2	3							AC/RC coord in: a. Tng Bn of RTB Tm of RG. b. Bde Battle Command Staff Training (BCST) Gp of RTB Tm. c. ORE Tm of BCST. d. BCST Plans Div of Div Hq. e. Bde Fld Exer of Div (E). f. RTD of RG. g. Sim Ex Gp Hq of BCST.
6	OPFOR sergeant Operations sergeant	SFC		1	1	1	2	2							
7	Instructor/writer	SSG		1	2	2	3	3	3	4	4	4			1. AC/RC coord as ARNG CA Ops/Tng NCO in U.S. Army Post, Camp and/or Station of USARC Coord Elm. 2. ARNG Bde of USARC Coord Elm. First position authorized grade MSG only when approved by HQDA. Subsequent positions will be graded by lines 7-9. 3. Use with SQI H.
8	Instructor/writer Training sergeant	SFC		1	1	1	2	2	3	4	4	5			
9	Ch instructor/writer Training sergeant	MSG											1		
10	Instructor/writer	SFC	1	1	2	2	3	3	4	4	5	5			1. AC/RC branch TD/Eval in: a. RC AVLOG of USARC Coord Elm. b. RC CDC CASCOM of USARC Coord Elm. c. USARC CS, CSS and HS Bde of USARC Coord Elm. d. IET Elm of Post, Camp or Station. e. AMEDD, JFKSWC, USAADAS, USAAVNC, USACHS, USACMLS, USAES, USAFAS, USAIC, USAIS, USAMPS, USARMS, USASIGC, and USASSC, of USARC Coord Elm. 2. First position authorized grade MSG only when approved by HQDA. 3. Use with SQI H.
11	Ch instructor/writer	MSG		1	1	2	2	3	3	4	4	5			
12	Operations sergeant Plans NCO	SFC													1. Subsequent plans positions graded SFC. 2. AC/RC Coord for operations in: a. G3 of BCST. b. Ops Div as the Ops/Tng NCO (RCE) in TRADOC Coord Elm. Subsequent Ops/Tng positions graded SFC. c. S3 in RTB Tm of RG. Code Ops NCO as second position when principal NCO is graded SGM. d. Combined Arms Assistance Tm (CAAT).
13	Drill sergeant	SFC													1. Subsequent drill sergeant (Ops/Tng Coord) positions graded SFC. 2. AC/RC Ops/Tng Coord in IET Elm (Post, Camp or Station) of USARC Coord Elm. 3. Use with SQI X.

**Table 11–25**  
**Standards of grade for Active Component/Reserve Component (AC/RC) support—Continued**

Line	Duty position	Grade	Number of positions*										Explanatory notes		
			1	2	3	4	5	6	7	8	9	10			
14	_____o/c	SFC													<ol style="list-style-type: none"> <li>1. Subsequent positions graded SFC.</li> <li>2. AC/RC coord in Sim Ex Gp Hq of RTB Tm.</li> <li>3. Div Sim Ex Gp Hq of Battle Command Staff Training (BCST) Hq.</li> <li>4. Observer/controller position titles suffix o/c.</li> <li>5. USA Force XXI, Observer/Controller Team Ft Knox, KY.</li> </ol>
15	Adv fld exer NCO	SFC													<ol style="list-style-type: none"> <li>1. Subsequent positions graded SFC.</li> <li>2. AC/RC enlisted advisor in Bde Fld Tm of Div Exer Fld RTB Tm.</li> </ol>
16	_____ evaluator	SFC													<ol style="list-style-type: none"> <li>1. Subsequent positions graded SFC.</li> <li>2. AC/RC enlisted evaluator in Cbt, CA, CS, and/or CSS Tm in ORE Hq of RG Tm.</li> <li>3. Evaluator position titles will reflect the MOS official title, followed by the suffix "evaluator".</li> </ol>
17	Staff NCO advisor	SFC													AC/RC coord enlisted staff advisor in: <ol style="list-style-type: none"> <li>a. G1 and G4 in Div Fld Gp Hq of RG.</li> <li>b. G4 of BCST.</li> </ol>
18	Staff obsrv/contrl	SFC													AC/RC coord staff observer/ controller (o/c) in: <ol style="list-style-type: none"> <li>a. Obsvr Control Sec (OBS) of Ops Gp Bcst. Second position graded SSG.</li> <li>b. Ops Gp of BCST. Second position graded SSG.</li> <li>c. Tm of Ops Gp of BCST.</li> </ol>
19	Team indiv trainer	SFC													AC/RC coord principal branch NCO for Lane training of all MP, Chem, Sig, and Non Cbt Engr and CSS units in Fld Ex Bde (FEB) of RG.
20	Unit trainer	SFC													<ol style="list-style-type: none"> <li>1. Subsequent positions graded SFC.</li> <li>2. AC/RC coord principal NCO trainer in:               <ol style="list-style-type: none"> <li>a. Ammo, Armor, Avn, FA, and Inf Bn and/or Sqdn.</li> <li>b. Combined Ord, Med, Sig, Sup, and/or Trans Bn.</li> <li>c. Avn and Engr Co of Tng Bn.</li> <li>d. Can Trp and/or Sqdn Tm of AASLT, Abn, Armor, and LID.</li> <li>e. Spt Sqdn, Co, Btry, Trp in Sqdn of ACR and/or Can Regt of RTD.</li> <li>f. Armor, Engr, FA, MX and FSB; and Can Sqdn/Regt of Armor Div in RTD. AC/RC Coord NCO in Ops/Tng Sec and/or Br in RG (FTG).</li> </ol> </li> </ol>
21	Mobilization tng NCO	SFC													
22	Enlisted advisor	SFC													<ol style="list-style-type: none"> <li>1. Subsequent advisor positions graded SFC.</li> <li>2. AC/RC enlisted advisor in:               <ol style="list-style-type: none"> <li>a. Administration and/or Logistics Division (ALAD).</li> <li>b. Administration and Supply Assistance Team (ASAT).</li> <li>c. Branch Assistance Team (BAT).</li> <li>d. Combat Arms Assistance Division (CAAD).</li> <li>e. Combat Arms Assistance Team (CAAT).</li> <li>f. Combat Support Assistance Team (CSAT).</li> </ol> </li> </ol>
23	Liaison NCO	SFC													<ol style="list-style-type: none"> <li>1. Subsequent Ln positions graded SFC.</li> <li>2. AC/RC coord in Div Hq of Div (E) Fld Exer.</li> </ol>
24	Sr enl evaluator	DSS evaluator	MSG												<ol style="list-style-type: none"> <li>1. AC/RC coord principal enlisted evaluator in:               <ol style="list-style-type: none"> <li>a. ORE Det of RG.</li> <li>b. DSS (post, camp and/or station) of USARC Coord Elm. Use with SQI X.</li> </ol> </li> <li>2. Grade MSG and subsequent MSG positions authorized only when approved by HQDA. When not authorized positions graded SFC.</li> </ol>
25	Plans NCO	MSG													<ol style="list-style-type: none"> <li>1. Subsequent plans positions graded SFC from line 12.2. AC/RC coord principal planning NCO in Hq and/or Planning Tm of ORE Det.</li> </ol>
26	Sr enlisted trainer	MSG													<ol style="list-style-type: none"> <li>1. AC/RC coord principal enlisted trainer in:               <ol style="list-style-type: none"> <li>a. Sep Bde and/or Regt of RTD Tm.</li> <li>b. Bde Hq of Div Fld Tng Gp.</li> <li>c. ACR Hq of RTD Tm.</li> <li>d. RTT of RG when authorized by HQDA.</li> </ol> </li> <li>2. Grade MSG and subsequent MSG positions authorized only when approved by HQDA.</li> </ol>

**Table 11–25**  
**Standards of grade for Active Component/Reserve Component (AC/RC) support—Continued**

Line	Duty position	Grade	Number of positions*										Explanatory notes	
			1	2	3	4	5	6	7	8	9	10		
27	Sr enl advisor	MSG												<ol style="list-style-type: none"> <li>Subsequent advisor positions graded SFC from line 22.</li> <li>AC/RC coord principal enlisted adv advisor in ALAD, ALAT, ASAT, BAT, CAAD, CAAT, CSAT of a RG Spt Gp.</li> <li>Position graded MSG only when authorized by HQDA.</li> </ol>
28	Operations sergeant	MSG												<ol style="list-style-type: none"> <li>AC/RC coord principal NCO in: <ol style="list-style-type: none"> <li>Tng Bn in RTB Tm of RG.</li> <li>G3 of Div Fld Gp Hq.</li> <li>Ops/Tng Br in RG.</li> </ol> </li> <li>AC/RC principal NCO in Ops Div of BCST. Second position graded SFC and third position graded SSG.</li> </ol>
29	AC/RC coordinator	MSG												<ol style="list-style-type: none"> <li>Subsequent positions graded SFC.</li> <li>AC/RC coord o/c principal enlisted in: <ol style="list-style-type: none"> <li>Bde Hq of Regt, Div and RTD.</li> <li>Bn Hq of numbered Armies.</li> </ol> </li> <li>AC/RC coord Ops/Tng NCO in: <ol style="list-style-type: none"> <li>Total Army School System (TASS) TRADOC coordinating element (TCE).</li> <li>TASS regional coordinating element (RCE).</li> <li>TAS proponent schools.</li> <li>TASS Tng Bde and Bn.</li> <li>QA Div in TRADOC coord elm. Position will be titled Quality Assurance (QA) NCO.</li> </ol> </li> <li>First position authorized grade MSG only when approved by HQDA. When not authorized the first position will be graded SFC.</li> <li>Avn RG Hq of numbered U.S. Army</li> </ol>
30	Sr enlisted o/c	MSG												<ol style="list-style-type: none"> <li>AC/RC coord principal o/c NCO in AD Line Btry and MI Line Co of Tng Bn in RTB Tm.</li> <li>Principal o/c NCO in Ops Div of BCST.</li> <li>When WO position authorized grade MSG will not be authorized. The senior enlisted position will be titled Sr enlisted o/c and graded SFC.</li> </ol>
31	Ch enlisted advisor	SGM												<ol style="list-style-type: none"> <li>AC/RC coord principal NCO in: <ol style="list-style-type: none"> <li>Cmd Gp and G3 of BCTP.</li> <li>G3 of Div Fld Tng Gp Hq.</li> <li>S3 of RTB Tm Hq.</li> <li>Ofc of the Cdr in RG.</li> <li>Cmd sec of Div Fld Tng Gp Hq.</li> <li>RTB Tm Hq of RG.</li> <li>TASS RCE. Secons position authorized graded MSG only when approved by HQDA.</li> </ol> </li> <li>Position authorized grade SGM only when approved by HQDA.</li> </ol>

Notes:

<sup>1</sup> \*Blank spaces in this column indicate not applicable.

**Table 11–26**  
**Standards of grade for reserve components USAR/ARNG Division**

Line	Duty position	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
<b>Exercise of Battle Command Staff Training (BCST) Brigade</b>													
1	OPFOR ops NCO	SSG	1	1	2	2	2						Opposing Forces (OPFOR) Team in OPFOR Branch of Battle Projection Group (BPG) for USAR Division Exercise (EX) Brigade Battle Command Staff Training (BCST).
2	Sr OPFOR ops NCO	SFC		1	1	2	2						
3	Ch OPFOR ops NCO	MSG					1						

**Table 11–26**  
**Standards of grade for reserve components USAR/ARNG Division—Continued**

Line	Duty position	Grade	Number of positions*										Explanatory notes
			1	2	3	4	5	6	7	8	9	10	
4	____o/c NCO	SSG		1	1	2	2	2	3	3	4	4	1. Grades of additional positions will be in same pattern, except only one MSG will be graded per branch.
5	____o/c NCO	SFC		1	1	2	2	2	3	3	4	4	2. CA, CS, and CSS Spt Br in Simulation Exercise Group (SEG) of USAR Div EX BCST Bde, USAR.
6	____sr o/c NCO	MSG					1	1	1	1	1	1	3. Observer/controller (o/c) positions will be MOS specific and reflect the branch, action, or each title and followed by the suffix o/c.
7	OPFOR o/c	SFC		1	2								1. Only one MSG will be graded per branch.
8	OPFOR sr o/c	MSG		1	1	1							2. Additional positions will be graded SFC. 3. Coll Mgt Br in SEG of USAR Div EX BCST Bde.
9	Scenario dev plans NCO	SFC											Principal NCO in Scenario Dev Br, BPG, USAR Div Ex BCST Bde. Subsequent positions also graded SFC.
10	Training mgt NCO	SFC											Ops and Tng Sec, S2/S3 Br, Bde BCST Hq, USAR Ex Div. Subsequent positions also graded SFC.
11	Operations sergeant	SFC											Sim Tm, BPG, USAR Div Ex BCST Bde. Subsequent positions also graded SFC.
12	Operations sergeant	MSG											Principal NCO in Ops Sec, S2/S3 Br, USAR Div Ex BCST Bde Hq.
13	First sergeant o/c	1SG											Principal enlisted NCO o/c for BCST exercise in Hq Det of: a. USAR Div EX Bde BCST Hq. b. USAR Div Ex BPG and SEG, BCST Bde.
14	Ch enlisted o/c	SGM											Principal enlisted evaluator in CA Br of SEG for Bde level evaluation of USAR Div Ex BCST NCO Tng.

Notes:

\*Blank spaces in this column indicate not applicable.

## Chapter 12 Special Qualification Identifiers and Additional Skill Identifiers

### 12–1. SQI and ASI

a. SQIs are authorized for use with any MOS and skill level character, unless otherwise specified, to identify special requirements (see AR 611-1).

b. ASI identify specialized skills, qualifications, and requirements that are closely related to and are in addition to those inherent to the MOS. ASIs are authorized for use only with designated MOS and will be listed in each specification for such MOS. Area aptitude scores for an ASI will be no more restrictive than the associated MOS, unless an exception to policy is approved by DA ODCSPER.

c. ASI are primarily used to identify skills requiring formal school training or civilian certification. Specialized skills identified by the ASI include operation and maintenance of specific weapon systems and subsystems, computer programming languages, procedures, analytical methods, animal handling techniques, and similar required skills that are too restrictive in scope to make up an MOS.

d. ASI may be used to identify specialized qualifications and requirements that do not follow the MOS management system. Specialized qualifications and requirements identified by ASI include security and operational requirements (see AR 611-1).

e. A complete list of SQIs and ASIs are provided in tables 12-1 and 12-2, respectively.

### 12–2. SQI code

a. The required course(s) will be included in the SQI qualifications as follows:

(1) The course title and location will be listed if mandatory training at the service school is the only means of qualifying.

(2) If credit for the course can be obtained by correspondence study or other formalized training, the SQI qualifications will reflect only the course title.

b. Procedures for award and withdrawal of SQI codes are contained in AR 600-200.

c. Guidance on use of SQI codes in authorization documents is contained in AR 71-14.

### 12–3. ASI Code

The required course(s) will be included in the ASI qualifications as follows:

a. The course title and location will be listed if mandatory training at the service school is the only means of qualifying.

b. If the credit for the course can be obtained by correspondence course or other formalized training, the ASI qualifications will reflect only the course title.

### 12–4. MOS authorized use of ASI Y1—Transition

The ASI Y1 is used for transitory identification of personnel who have completed transition-type training on late models of existing equipment. Training must be of sufficient criticality to require establishment of service school transition training or comparable formal training in an organized training activity. The ASI “Y1” also will identify positions in authorization documents requiring transition trained soldiers (see table 12-3).

a. The use of Y1 must be according to Department of the Army authority contained in Section III—MOS Authorized Use of ASI Y1—Transition. Request for additional authorized uses will be submitted through appropriate channels to CG, PERSCOM, DCSOPS, ATTN: TAPC-PLC, Room 3N65, 200 Stovall Street, Alexandria, VA 22332-0406. The request will include:

(1) Duties involved (details of what, how, when and why) and how they differ from duties performed by personnel classified in the MOS.

(2) Minimum skills and knowledge required (details of technique, abilities, degree of proficiency, or other characteristics) and how they are unique when compared with skills and knowledge possessed by personnel classified in the MOS.

(3) Additional training involved (details of type, prerequisites, length and subject matter).

(4) Estimates of when established formal MOS training will be revised to include new subject matter pertinent to proposed ASI Y1 for qualification of all personnel to be newly or originally trained in established MOS.

(5) Estimated date by which all personnel classified in the established MOS will have been trained in the duties, skills and knowledge associated with proposed ASI Y1, either through transition type training or MOS training as in (4) above.

(6) Listing of type TOE/MTOE or TDA in which the positions will be applied.

b. The life span of the ASI Y1 will be for 3 years from the effective date of authorization. Deletion will be automatic unless the personnel proponent training activity can justify retention.

## 12-5. MOS authorized use of Y2 Transition

The ASI Y2 is used for transitory identification of personnel who require transition-type training because of specialty conversion. Training must be of sufficient criticality to require establishment of service school transition or comparable formal training in an organized training activity. The ASI Y2 will not be used in TOE or TDA (see table 12-4).

a. The use of Y2 must be in accordance with Headquarters, Department of the Army authority contained in section IV—MOS Authorized Use of ASI Y2—Transition. Requests for additional authorized uses will be submitted through appropriate channels to CG, PERSCOM, ATTN: TAPC-PLC, Room 3N65, 200 Stovall Street, Alexandria, VA 22332-0406. The request will include:

(1) Duties involved (details of what, how, when and why) and how they differ from duties performed in current MOS.

(2) Minimum skills and knowledge required (details of techniques, abilities, degree of proficiency, or other characteristics) and how they are unique when compared with skills and knowledge required in current MOS.

(3) Additional training involved (details of type, prerequisites, length and subject matter).

(4) Estimates of when formal MOS training will be established to qualify all soldiers that hold ASI Y2.

(5) Estimated date by which all soldiers with ASI Y2 will have been trained in the duties, skills and knowledge required by the specialty conversion.

b. The life span of the ASI Y2 will be for 3 years from effective date of authorization. Deletion will be automatic unless the personnel proponent will justify retention.

**Table 12-1**  
**Special Qualification Identifiers**

Code	Title	Proponent
<b>2</b>	<b>Training Development</b>	<b>TRADOC</b>
	<p>a. <i>Description of positions.</i> Identifies soldiers requiring positions associated with the design, development, testing, management, standardization, and evaluation of instructional systems, using the HQDA approved Systems Approach to Training (SAT) method.</p> <p>b. <i>Qualifications.</i> Awarded to soldiers upon completion of assignment-oriented training for performing training development.</p> <p>c. <i>Restrictions.</i> None.</p>	
<b>4</b>	<b>Non-Career Recruiter</b>	<b>USARRS</b>
	<p>a. <i>Description of positions.</i> Identifies positions and Active Component soldiers associated with recruiting duty other than career recruiters, MOS 79R.</p> <p>b. <i>Qualifications.</i> Must graduate from the Army Recruiter Course taught at the Recruiting and Retention School, Ft Jackson, SC.</p> <p>c. <i>Restrictions.</i> For use with any Active Component MOS except 79R.</p>	
<b>6</b>	<b>Mobilization and Demobilization</b> <b>PERSCOM Operations</b>	<b>PERSCOM</b>

**Table 12-1**  
**Special Qualification Identifiers—Continued**

Code	Title	Proponent
	<p>a. <i>Description of positions.</i> Identifies positions in organizations from Office of Secretary of Defense (OSD) down to installation level involved in planning and executing mobilization and demobilization operations.</p> <p>b. <i>Qualifications.</i> Must successfully complete the resident Mobilization and Deployment Planning Course (MDPC) at the Joint Strategic Deployment Training Center (JSDTC), U.S. Army Transportation School, Ft Eustis, VA.</p> <p>c. <i>Restrictions.</i> For use with any MOS in grades SSG through SGM.</p>	
<b>D</b>	<b>Civil Affairs Operations</b>	<b>USAJFKSWCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions that require the assignment of soldiers qualified to assist in planning, directing, and coordinating activities pertaining to one or more of the following Civil Affairs functional specialties: Civil Defense, Labor, Legal, Public Administration, Public Welfare, Civilian Supply, Economics and Commerce, Food and Agriculture, Property Control, Public Communications, Transportation, Public Works and Utilities, Arts/Monuments and Archives, Civil Information, Cultural Affairs, and Dislocated Civilians.</p> <p>b. <i>Qualifications.</i> Must successfully complete the two week Civil Affairs Operations Course at JFK Special Warfare Center and School.</p> <p>c. <i>Restrictions.</i> No restriction for Active Component. Reserve Component attainment restricted to soldiers assigned to USAR Civil Affairs Troop Program Units in any CMF 51 MOS and MOSs 54B, 71G, 76J, 91B, 91E, 91S, 91T, 95B, and 96B.</p>	
<b>E</b>	<b>Military Mountaineer</b>	<b>USAIS</b>
	<p>a. <i>Description of positions.</i> Identifies positions that require soldiers who are qualified in the specialized skills and tactical requirements of a small unit operating in mountainous terrain, under all climatic conditions, day and night.</p> <p>b. <i>Qualifications.</i> Must successfully complete both the winter and summer phases of the Military mountaineering courses taught at the U.S. Army Northern Warfare Training Center or the Army National Guard Mountain Warfare School (Vermont).</p> <p>c. <i>Restrictions.</i> None.</p>	
<b>F</b>	<b>Flying Status</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> Identifies positions that require soldiers to perform frequent and repetitive aerial flight, to include CMF 67 door-gunner positions.</p> <p>b. <i>Qualifications.</i> Must volunteer for flight duty and complete qualifying physical examination for flight status as prescribed in AR 40-501.</p> <p>c. <i>Restrictions.</i> Designated positions will not exceed flight authorizations per AR 600-106.</p>	
<b>G</b>	<b>Ranger</b>	<b>USAIS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring assignment of soldiers who are Ranger qualified.</p> <p>b. <i>Qualifications.</i> Must successfully complete the appropriate training at the Infantry School and meet physical qualifications for Ranger training and assignment outlined in AR 40-501.</p> <p>c. <i>Restrictions.</i> None.</p>	
<b>H</b>	<b>Instructor</b>	<b>TRADOC</b>
	<p>a. <i>Description of positions.</i> Identifies positions that require soldiers qualified to be full-time formal instructors in a military subject at any Army service school or other organized training activity. Instructor and advisor positions will be classified in any appropriate MOS code consistent with the standards of grade provided in paragraph 3-2.</p> <p>b. <i>Qualifications.</i> Must successfully complete an instructor training course (ITC).</p> <p>c. <i>Restrictions.</i> SQI H will not be used to classify positions limited to instructor aides, such as projection machine operators, demonstrators, or test proctors.</p>	
<b>I</b>	<b>Installer</b>	<b>USASIGC</b>
	<p>a. <i>Description of positions.</i> Identifies positions that require assignment of soldiers qualified to perform installation and or de-installation of electronic equipment (normally fixed station) systems or subsystems on a full-time basis.</p>	

**Table 12-1**  
**Special Qualification Identifiers—Continued**

Code	Title	Proponent
	<p>b. <i>Qualifications.</i> Must successfully complete the Basic Installer Course (BIC) at USAISC, Ft Huachuca, AZ.</p> <p>c. <i>Restrictions.</i> Installer positions will be classified in an appropriate MOS code, normally maintenance, consistent with the standards of grade in paragraph 3-7. SQI I will not be used to classify positions limited to setting up portable equipment or for positions limited to administrative, clerical, supply, or support of the installation function. Authorize use for MOSs associated with CMF 29, 31, 33, and 74 only.</p>	
<b>L</b>	<b>Linguist</b>	<b>DCSINT</b>
	<p>a. <i>Description of positions.</i></p> <p>(1) Identifies positions in TAADS that require proficiency in a designated foreign language. In position classification, this character will be used in conjunction with any MOS requiring language proficiency.</p> <p>(2) The appropriate 2-digit language identification code contained in AR 611-6 will be used to identify the specific language in the 8th or 9th character of its MOS code. Similarly, language identification codes will be used to identify qualified linguists who have been awarded any SQI other than L.</p> <p>b. <i>Qualifications.</i> Must meet Listening Comprehension and Reading Comprehension for foreign languages requirement outlined in AR 611-6.</p> <p>c. <i>Restrictions.</i> Since linguist skills are rare, positions will be considered to require linguist qualified personnel only when such qualification is mandatory for efficient performance in the job. Language identification codes contained in AR 611-6 will be used in MTOE and TDA to identify language requirements of positions.</p>	
<b>M</b>	<b>First Sergeant</b>	<b>USASMA</b>
	<p>a. <i>Description of positions.</i> Identifies principal NCO (First Sergeant/E8) positions in company, battery, troop, or similar sized unit to:</p> <p>(1) Assist the commander in planning, coordinating, and supervising all activities that support the unit mission.</p> <p>(2) Advise the commander on enlisted soldier matters to include duty assignments, promotions and reductions, leave programs, military justice, privileges, awards, welfare and recreational activities, human relations, equal opportunity, and alcohol and drug abuse concerns.</p> <p>(3) Coordinate unit administration to include submission of required reports, vehicular support, supply, and food service activities.</p> <p>(4) Provide counsel and guidance to subordinate personnel.</p> <p>(5) Assist in inspection of or conduct inspection of unit activities and facilities, observe discrepancies and initiate corrective action.</p> <p>(6) Assist the commander in performing the following training related tasks:</p> <p>(a) Plan, conduct, evaluate, and assess unit training.</p> <p>(b) Ensure that trainers train to a standard.</p> <p>(c) Assist the commander in integrating individual training into collective training, and collective training into multi-echelon training events.</p> <p>(d) Plan and execute a battle-focused NCDP.</p> <p>(e) Prepare and maintain an order of merit list for schools and courses, ensuring that soldiers are qualified and prepared to attend.</p> <p>(f) Coordinate school quotas.</p> <p>b. <i>Qualifications.</i> Must meet requirements outlined in AR 614-200, chapter 8, and successfully complete DA First Sergeant Course.</p> <p>c. <i>Restrictions.</i> Positions must be coded 1SG. Personnel must be SFC(P) or MSG.</p>	
<b>N</b>	<b>Joint Planner</b>	<b>USACAC</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring personnel qualified in the Joint Operation Planning and Execution Program (JOPES), formerly the Joint Operation Planning System (JOPS) and Joint Deployment System (JDS).</p> <p>b. <i>Qualifications.</i> Completion of one of the following:</p> <p>(1) Joint Planning Orientation Course (JPOC) and the JOPES Users Course conducted by the Joint Training Office (JTO), U.S. Transportation Command (USTRANSCOM).</p> <p>(2) Completion of JPOC, the OPS III Course conducted by JTO USTRANSCOM.</p> <p>c. <i>Restrictions.</i> None.</p>	
<b>O</b>	<b>No Special Qualifications</b>	<b>None</b>

**Table 12-1**  
**Special Qualification Identifiers—Continued**

Code	Title	Proponent
	<p>a. <i>Description of positions.</i> Identifies positions that do not require the assignment of soldiers possessing special qualifications identified herein.</p> <p>b. <i>Qualifications.</i> None.</p> <p>c. <i>Restrictions.</i> None.</p>	
<b>P</b>	<b>Parachutist</b>	<b>USAIS</b>
	<p>a. <i>Description of positions.</i> Identifies positions that require assignment of qualified parachutists.</p> <p>b. <i>Qualifications.</i> Must meet physical requirements for airborne in AR 40-501, and successfully complete the basic airborne training course.</p> <p>c. <i>Restrictions.</i> Soldier must volunteer for airborne training and assignment as outlined in AR 614-200, chapter 6.</p>	
<b>Q</b>	<b>Equal Opportunity Advisor (EOA)</b>	<b>USAAGS</b>
	<p>a. <i>Description of positions.</i> Identifies positions in any MOS requiring assignment of soldiers educated at Defense Equal Opportunity Management Institute (DEOMI), and soldiers in any MOS who are graduates of DEOMI and qualified to occupy such positions. The following grading guidance applies:</p> <p>(1) EOA positions in brigades, regiments, groups, COSCOM/TAACOM or comparable units, garrisons having military populations of less than 10,000, service school headquarters, and medical centers will be graded SFC.</p> <p>(2) EOA positions in division, Corps, MACOM with military population of 50,000 or less, and garrisons with military population of over 10,000 will be graded MSG.</p> <p>(3) Advisors in Army and higher level headquarters and MACOM with military population over 50,000 will be graded SGM.</p> <p>(4) Instructor positions for DEOMI will consist of one SGM and a grading pattern of one SFC, two MSGs for remaining positions (group of three).</p> <p>(5) SGM and MSG are not authorized for instructors except at DEOMI.</p> <p>b. <i>Qualifications.</i> Must successfully complete DEOMI EOA course.</p> <p>c. <i>Restrictions.</i> Substitutability-EOA duty is MOS immaterial. Any individual awarded SQI Q and those individuals with grade of MSG or SGM as of 30 September 1984 and who were selected by DA Screening Board to retain PMOS 00U may serve in any EOA position identified with SQI Q without regard to three digit MOS.</p>	
<b>S</b>	<b>Special Operations Support Personnel</b>	<b>USAJFKSWCS</b>
	<p>a. <i>Description of positions.</i> Identifies selected positions for Special Operations support personnel.</p> <p>b. <i>Qualifications.</i></p> <p>(1) Must be Airborne qualified (except for CMF 67 and MOS 93P).</p> <p>(2) Successfully complete OJT/OJE and serve 24 months in their primary MOS with a SOF unit (may be waived up to 12 months) or, successfully participate in at least 2 unit exercises (these exercises may be a result of unit training or actual mission requirements).</p> <p>(3) Or, successfully complete Special Forces Assessment and Selection (SFAS) and the Special Forces Qualification Course (SFQC). Soldiers completing both SFAS and SFQC will be awarded the SQI and the Special Forces Tab. (<b>Note:</b> These courses are closed to female soldiers).</p> <p>(4) Award of SQI will be accomplished in accordance with AR 600-200, paragraph 2-33a(1).</p> <p>c. <i>Restrictions.</i> Positions identified by SQI "S" are used only with support MOS 25M, 25R, 25V, 31C, 31F, 31L, 31P, 31R, 31S, 31U, 31W, 31Z, 33T, 35E, 35J, 35L, 35N, 35Q, 35R, 35W, 44E, 45B, 46R, 51Z, 52D, 54B, 55B, 55D, 62B, 63B, 63H, 63J, 63S, 63W, 63Z, 67T, 67U, 67V, 67Y, 67Z, 68B, 68D, 68F, 68G, 68H, 68J, 68K, 68L, 68N, 68X, 71C, 71D, 71L, 71M, 73C, 73D, 73Z, 74B, 74C, 75B, 75H, 76J, 77F, 81Z, 83E, 83F, 88M, 88N, 88Z, 91B, 91E, 91S, 92A, 92G, 92R, 92Y, 92Z, 93P, 95B, 96B, 96D, 96H, 96Z, 97B, 97E, 97G, 98C, 98G, 98H, 98J, 98Z in SOF organizations. Withdrawal of the SQI may occur when the local SOF commander determines the individual to be unqualified or at the request of the individual.</p>	
<b>T</b>	<b>1st SFOD-D Unit Operator</b>	<b>USAIS</b>

**Table 12-1**  
**Special Qualification Identifiers—Continued**

Code	Title	Proponent
	<p>a. <i>Description of positions.</i> There are no positions identified with the SQI.</p> <p>b. <i>Qualifications.</i> Must successfully complete the 1st Special Forces Operational Detachment-Delta Unit Assessment and Selection Course, Operator Training Course, and 18 months OJT in an operational element of 1st SFOD-D.P (Parachutist) as outlined in AR 614-200.</p> <p>c. <i>Restrictions.</i> For use with personnel only.</p>	
<b>V</b>	<b>Ranger Parachutist</b>	<b>USAIS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring assignment of soldiers who are Ranger and parachutist qualified.</p> <p>b. <i>Qualifications.</i> Must successfully complete requirements for award of SQI G (Ranger) and P (parachutist) as outlined in AR 614-200.</p> <p>c. <i>Restrictions.</i> None.</p>	
<b>X</b>	<b>Drill Sergeant (DS)</b>	<b>TRADOC</b>
	<p>a. <i>Description of positions.</i> Identifies drill sergeant positions requiring the assignment of NCOs in grades of SGT through MSG. These positions will be classified in the MOS most closely related to the training activity and graded per lines 1, 2, and 3 of the standards of grade contained in table 3-1, provided the MOS contains the appropriate pay grade and skill level.</p> <p>b. <i>Qualifications.</i> Active Component (AC) NCOs must complete the Drill Sergeant Course (DSC) conducted at a U.S. Army Training Center. Reserve Component (RC) SPC/CPL thru MSG will attend the DSC of the division or brigade to which they are assigned or an AC DSC. U.S. Army Reserve soldiers in the grades of SPC/CPL (Drill Sergeant) may be granted a waiver for enrollment in the USAR DS program per AR 614-200. Award of SQI X for these graduates will be to track their status through the SIDPERS-USAR data base only.</p> <p>c. <i>Restrictions.</i> This SQI will not be removed or replaced by any other SQI while the individual is assigned to DS duties.</p>	

**Table 12-2**  
**Numerical listing of skills**

Code	Title	Proponent
<b>1A</b>	<b>JSTARS E8-A Systems Operator</b>	<b>USAICS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers who are trained to operate the equipment in the JSTARS E8-A aircraft or its replacement.</p> <p>b. <i>Qualifications.</i> Must pass a Class III flight physical and successfully complete the Air Force JSTARS E8-A training course.</p> <p>c. <i>Restrictions.</i> For use with MOS 96H only.</p>	
<b>1B</b>	<b>OV-1D Systems Operator</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers trained in aerial sensor operations onboard the Mohawk (OV-1D) aircraft and in its ground control station.</p> <p>b. <i>Qualifications.</i> Must pass a Class III flight physical and successfully complete the Aerial Sensor Specialist course at Ft Huachuca, AZ.</p> <p>c. <i>Restrictions.</i> For use with MOS 98H only.</p>	
<b>1C</b>	<b>Satellite Systems/Network Coordinator</b>	<b>USASIGC</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to operate and maintain the Defense Satellite Communications Systems (DSCS) Defense Operations Control System (DOCS) and the Ground Control System.</p> <p>b. <i>Qualifications.</i> Must have successfully completed the Satellite Systems/Network Coordinator Course, Ft Gordon, GA.</p> <p>c. <i>Restrictions.</i> For use with MOS 31S only.</p>	
<b>1F</b>	<b>All Source Analysis Systems (ASAS) Master</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring qualifications in managing the All Source Analysis System (ASAS).</p>	

**Table 12-2**  
**Numerical listing of skills—Continued**

Code	Title	Proponent
	<p>b. <i>Qualifications.</i> Must successfully complete ASAS Master Course 3A-F71/232-F11 at USAIC&amp;FH.</p> <p>c. <i>Restrictions.</i> For use with MOS 96B and 98C (SSG through MSG) only.</p>	
<b>1G</b>	<b>Direction Finding Outstation Operation (Crosshair)</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring qualifications in the coordination and evaluation functions for effective Net Control Station/Crosshair Support Center (NCS/CSC) operations and Outstation Communications Subsystem (OCS) operations.</p> <p>b. <i>Qualifications.</i> Must successfully complete the HFDF Network Manager Course at NTTC Corry Station Pensacola, FL.</p> <p>c. <i>Restrictions.</i> For use with MOS 98H only.</p>	
<b>1T</b>	<b>IPDS/TRAC/NIS TENCAP Operations</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions which require soldiers trained and experienced in the operation of IPDS/TRAC/NIS TENCAP systems.</p> <p>b. <i>Qualifications.</i> Must successfully complete one of the following courses:                      (1) Imagery Processing and Dissemination System Course (IPDS).                      (2) Tactical Radar Correlator Course (TRAC).                      (3) National Input Segment Course (NIS).</p> <p><b>Note:</b> All courses are taught by system contractor.</p> <p>c. <i>Restrictions.</i> For use with MOS 33W and 96D only. Use of this skill identifier in authorization documents requires prior approval of the Office of the Chief of Military Intelligence, ATTN: ATSI-MI, Ft Huachuca, AZ. Award of this skill identifier is strictly limited to the Chief of Military Intelligence.</p>	
<b>2C</b>	<b>JAVELIN Gunnery</b>	<b>USAIS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the employment of the JAVELIN medium antitank assault weapon system.</p> <p>b. <i>Qualifications.</i> Must successfully complete the JAVELIN Course, Ft Benning, GA.</p> <p>c. <i>Restrictions.</i> For use with MOS 11B and 11M (skill level 3 and below only) and MOS 19D (skill level 1 only).</p>	
<b>2G</b>	<b>Counter-Signals Intelligence (C-SIGINT) Operation</b>	<b>USAICH&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to conduct C-SIGINT operations.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Communications Security (COMSEC) Methodologies Course number 220, National Security Agency (NSA), various locations.</p> <p>c. <i>Restrictions.</i> For use with MOS 98H only.</p>	
<b>2S</b>	<b>Battle Staff Operations</b>	<b>USASMA</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers trained to serve as a Battle Staff NCO and manage the day-to-day operations of corps, division, regiment, group, brigade, battalion and squadron command posts.</p> <p>b. <i>Qualifications.</i> Must successfully complete one of the following courses at the U.S. Army Sergeants Major Academy, Ft Bliss, TX:                      (1) The Battle Staff Noncommissioned Officer Course (BSNCOC). (2) The resident Sergeants Major Course (SMC) with a graduation date after Aug 95. (3) The BSNCOC at Ft McCoy, WI for Reserve Component only.</p> <p>c. <i>Restrictions.</i> For use with any MOS at SL 3 and above. This code will be used for G1/S1, G2/S2, G3/S3, or G4/S4 positions in battalion, squadron, brigade, group, regiment, division or Corps level TOE units and Active Readiness Group NCO Advisor positions and instructor positions for BSNCOC and Sergeants Major Course (SMC). Use of this skill identifier with any other position in authorization documents requires prior approval from Commandant, United States Army Sergeants Major Academy, ATTN: ATSS-B, Ft Bliss, TX 79918-8002.</p>	
<b>2T</b>	<b>TENCAP Data Analyst</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions which require soldiers trained and experienced in the operation of ETUT/TUT/THMT TENCAP systems.</p>	

**Table 12–2  
Numerical listing of skills—Continued**

Code	Title	Proponent
	<p>b. <i>Qualifications.</i> Must successfully complete the following courses:                      (1) Collection Management/TENCAP System Specific Module, USAICS, Ft Huachuca, AZ.                      (2) Enhanced Tactical User Terminal Course (ETUT), 32–S13E/233–ASI–2T, USAISD, Ft Devens, MA.                      c. <i>Restrictions.</i> For use with MOS 96B, 96D, 98C and 98J only. Use of this skill identifier in authorization documents requires prior approval of the Office of the Chief of Military Intelligence, ATTN: ATSI–MI, Ft Huachuca, AZ.</p>	
<b>4A</b>	<b>Reclassification Training</b>	<b>DA ODCSPER (DAPE–MPS)</b>
	<p>a. <i>Description of positions.</i> There are no positions identified for Reclassification Training.                      b. <i>Qualifications.</i> Identifies personnel who have been involuntarily reclassified and require formal training.                      c. <i>Restrictions.</i> For use with any MOS to identify personnel who have been involuntarily reclassified and require formal training. ASI 4A will be deleted upon completion of formal training.</p>	
<b>4R</b>	<b>Transition NCO</b>	<b>USARRS</b>
	<p>a. <i>Description of positions.</i> Identifies Reserve Component (Army National Guard of the United States (ARNGUS) and U.S. Army Reserve (USAR)) positions in Tables of Distribution and Allowances (TDA) and Augmentation TDA requiring soldiers qualified to participate in transition programs.                      b. <i>Qualifications.</i> Must meet the requirements of AR 601–280 and successfully complete the Transition NCO Course, Recruiting and Retention School, Ft Jackson, SC.                      c. <i>Restrictions.</i> For use with positions and personnel MOS 79S Career Counselor NCO (USAR) and MOS 79T Recruiting and Retention NCO (ARNGUS) with personnel only with MOS 79S Career Counselor NCO (Active Army).</p>	
<b>4T</b>	<b>Tactical Exploration of National-Capabilities (TENCAP) Integrator/Maintainer</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers trained and experienced in system integration and maintenance of the Modernized Imagery Exploitation System (MIES)/Tactical Radar Correlator (TRAC) family of systems for the Army Space Program Office (ASPO).                      b. <i>Qualifications.</i> Must successfully complete one of the following courses:                      (1) Defense Dissemination Program Receive Segment Operations and Maintenance Training Course (MIES), Valley Forge, PA.                      (2) Formal contractor-provided on-site integration and maintenance course of instruction (TRAC).                      c. <i>Restrictions.</i> For use with MOS 33W only. Use of this skill identifier in requirements/authorization documents requires prior approval of the Office of the Chief of Military Intelligence, ATTN: ATZS–MI, Ft Huachuca, AZ. Award of this skill identifier is strictly limited to the Chief of Military Intelligence.</p>	
<b>8A</b>	<b>Identification Friend or Foe (IFF) Repairer</b>	<b>OMMCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to troubleshoot, maintain, and repair the IFF equipment associated with the HAWK and PATRIOT missile systems, and the Ground Based Sensor (GBS).                      b. <i>Qualifications.</i> Soldier must successfully complete the IFF Repairer Course conducted by the U.S. Army Ordnance Missile &amp; Munitions Center &amp; School. Formal training is mandatory.                      c. <i>Restrictions.</i> For use with MOS 27H, 27X, and 35M only.</p>	
<b>A2</b>	<b>Aviation Safety</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to maintain records, supervise and advise on all aspects of aviation safety.                      b. <i>Qualifications.</i> Must successfully complete the Aviation Accident Prevention Course (AAPC) approved by the U.S. Army Safety Center through resident or non-site training.</p>	

**Table 12–2  
Numerical listing of skills—Continued**

Code	Title	Proponent
	<p>c. <i>Restrictions.</i> For use with MOS 67G, 67N, 67R, 67S, 67T, 67U, 67V, 67Y, 67Z, 68B, 68D, 68F, 68G, 68H, 68J, 68K, 68N, 68X, and 93P only.</p>	
<b>A3</b>	<b>Force Development (TAADS)</b>	<b>USACASCOM</b>
	<p>a. <i>Description of positions.</i> Identifies positions, full time and part time, requiring soldiers who are qualified in TAADS functions (manpower/force development or equipment/force development procedures).                      b. <i>Qualifications.</i> Must successfully complete the Manpower and Force Management Course, Ft Lee, VA.                      c. <i>Restrictions.</i> For use with MOS 75H (SL4 and above) and 92Y.</p>	
<b>A7</b>	<b>Tactical Fire Direction (TACFIRE) Systems Maintenance</b>	<b>OMMCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers to perform direct/general support maintenance on Field Artillery Fire Direction Systems.                      b. <i>Qualifications.</i> Must successfully complete the TACFIRE Systems Maintenance Course at Ft Sill, OK.                      c. <i>Restrictions.</i> For use with MOS 35J only.</p>	
<b>A8</b>	<b>Master Gunnery M1/M1A1 Tank</b>	<b>USARMS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to assess status of M1/M1A1 unit gunnery training and vehicle mounted weapons maintenance. Develops and conducts gunnery training programs for the M1/M1A1 tank.                      b. <i>Qualifications.</i> Must successfully complete the Master Gunnery-M1/M1A1 Tank Course, Ft Knox, KY.                      c. <i>Restrictions.</i> For use with MOS 19K and 19Z only.</p>	
<b>A9</b>	<b>Patrol Dog Handling</b>	<b>USAMPS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the employment and handling of patrol dogs capable of detecting and detaining suspected law violators.                      b. <i>Qualifications.</i> Must successfully complete the Patrol Dog Handler Course, Lackland AFB, TX mandatory.                      c. <i>Restrictions.</i> For use with MOS 95B.</p>	
<b>B1</b>	<b>Rough Terrain Container Handling and Operation</b>	<b>USATSCH</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in rough terrain container handling.                      b. <i>Qualifications.</i> Must successfully complete the Rough Terrain Container Handling and Operation Course.                      c. <i>Restrictions.</i> For use with MOS 88H and 92A only.</p>	
<b>B4</b>	<b>Sniper</b>	<b>USAIS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified as snipers.                      b. <i>Qualifications.</i> Must successfully complete the Sniper Course, Ft Benning, GA.                      c. <i>Restrictions.</i> For use with MOS 11B and 11M only.</p>	
<b>B5</b>	<b>Tactical Army Combat Service Support Computer System/Standard Army Maintenance System (TACCS/SAMS)</b>	<b>USAQMS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to perform duties associated with TACCS/SAMS divisional/non-divisional level maintenance.                      b. <i>Qualifications.</i> Must successfully complete the TACCS/SAMS Operator Course or on site training by MACOM/LOGCEN Teams.                      c. <i>Restrictions.</i> For use with MOS 92A only.</p>	
<b>C1</b>	<b>MACOM Band Qualified</b>	<b>CAB</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers to be certified as MACOM Band qualified.                      b. <i>Qualifications.</i> Individual must be certified as a MACOM band musician by a MACOM band commander and approved by Commander, PERSCOM.                      c. <i>Restrictions.</i> For use with any band MOS except MOS 02S.</p>	

**Table 12–2  
Numerical listing of skills—Continued**

Code	Title	Proponent
<b>C2</b>	<b>Dragon Gunnery</b>	<b>USAIS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the employment of XM47 medium anti-tank assault weapon system (DRAGON).</p> <p>b. <i>Qualifications.</i> Must successfully complete the DRAGON Gunnery Course, Ft Benning, GA.</p> <p>c. <i>Restrictions.</i> For use with MOS 62J and 62N only.</p>	
<b>C3</b>	<b>Well Drilling</b>	<b>USAES</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the operation of well-drilling equipment.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Water Well Drilling Class C, USN—Naval Training Center, Port Hueneme, CA.</p> <p>c. <i>Restrictions.</i> For use with MOS 62J and 62N only.</p>	
<b>C5</b>	<b>Court Reporter</b>	<b>OTJAG</b>
	<p>a. <i>Description of positions.</i> Identifies positions in staff and command judge advocate sections, legal/mobilization services organizations, and court-martial trial teams (JAGSO) requiring soldiers qualified to record and prepare verbatim transcripts of the testimony, arguments, and activities of courts-martial, and administrative and other boards.</p> <p>b. <i>Qualifications.</i> Soldiers must have:</p> <p>(1) A minimum typing speed of 40 net words-per-minute.</p> <p>(2) Twelfth grade level in English reading comprehension and composition.</p> <p>(3) Mandatory formal training. Completion of court reporter course of instruction conducted at the Naval Justice School.</p> <p>(4) Certification of Staff Judge Advocate (JAGSO Commander) as being fully qualified to perform duties as court reporter.</p> <p>c. <i>Restrictions.</i> For use with MOS 71D (skill level 2 and above) only.</p>	
<b>C6</b>	<b>High Power Radio Operator/Main-tainer</b>	<b>USASIGC</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in unit and DS/GS maintenance on high power radio equipment.</p> <p>b. <i>Qualifications.</i> Must successfully complete the AN/TSC-60 Communication Central Organizational/DS/GS Maintenance Course at Keesler AFB, MS.</p> <p>c. <i>Restrictions.</i> For use with MOS 31P only.</p>	
<b>C7</b>	<b>Survey Instrument Repairer</b>	<b>USAES</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in performing unit and organizational maintenance on surveying instruments and accessories.</p> <p>b. <i>Qualifications.</i> Soldier must successfully complete the Survey Instrument Maintenance Course conducted by the Defense Mapping School. Formal training is mandatory.</p> <p>c. <i>Restrictions.</i> For use with MOS 51T (SL 1 and 2) and 82D only.</p>	
<b>C8</b>	<b>Transcribing/Gisting</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to transcribe and gist, either on-line or from magnetic tape intercepted foreign language voice transmissions.</p> <p>b. <i>Qualifications.</i> Must successfully complete the USAF Complex Signal Processor (Transcriber) Course at Goodfellow AFB, TX or six months OJT in a validated transcriber duty position.</p> <p>c. <i>Restrictions.</i> For use with MOS 52D only.</p>	
<b>C9</b>	<b>Mast and Electric Power Plant Maintenance</b>	<b>USAOCS</b>
	<p>a. <i>Description of positions.</i> Identifies SL 1 and 2 positions requiring soldiers qualified to perform maintenance of MAST assemblies (mast group, pneumatic or hydraulic-pneumatic) OA-9052/OA-9053/OA-9054 or improved variants or Mast and Electric Power Plant III.</p> <p>b. <i>Qualifications.</i> Must successfully complete the DS/GS Pneumatic Antenna Mast GP Repairer Course, Aberdeen Proving Ground, MD.</p> <p>c. <i>Restrictions.</i> For use with MOS 52D only.</p>	
<b>D3</b>	<b>Bradley Fighting Vehicle Operations and Maintenance</b>	<b>USAARMS</b>

**Table 12–2  
Numerical listing of skills—Continued**

Code	Title	Proponent
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to operate or maintain the Bradley Fighting Vehicle.</p> <p>b. <i>Qualifications.</i> Must successfully complete the:</p> <p>(1) Bradley Fighting Vehicle Operators Course at Ft Knox, KY (19D).</p> <p>(2) Bradley TOW Vehicle Gunner/Crew Training during OSUT; or Bradley Leader Course at Ft Benning, GA; or, receive New Equipment Training conducted under the auspices of the USAIS (11H).</p> <p>c. <i>Restrictions.</i> For use with MOS 19D and 11H only.</p>	
<b>D4</b>	<b>Aviation Generator/Aviation Ground Power Unit</b>	<b>USAOCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to perform maintenance of turbine engine driven tactical generator sets, turbine engine prime mover of tactical generator set and their associated equipment.</p> <p>b. <i>Qualifications.</i> Must successfully complete resident training at Aberdeen Proving Ground, MD.</p> <p>c. <i>Restrictions.</i> For use with NIS 52D only.</p>	
<b>D7</b>	<b>Secondary Reference Laboratory Maintenance</b>	<b>OMMCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to operate, troubleshoot, maintain, calibrate and repair secondary reference and limited deployment calibration standards and Test, Measurement and Diagnostic Equipment (TMDE) supported by an area calibration laboratory.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Secondary Reference Laboratory Maintenance course at Keesler AFB, MS.</p> <p>c. <i>Restrictions.</i> For use with positions and personnel in MOS 35H (SL 2 through 4), MOS 35Y (MSG only) and MOS 35Z.</p>	
<b>D8</b>	<b>Master Gunnery (M60A3 Tank)</b>	<b>USAARMS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to assess status of M60A3 unit gunnery training and vehicle mounted weapons maintenance, and develop and conduct gunnery training programs for M60A3.</p> <p>b. <i>Qualifications.</i> Must successfully complete the (RC) Master Gunnery M60A3 Course, Camp Shelby, MS.</p> <p>c. <i>Restrictions.</i> For use with MOS 19E, 19K and 19Z only.</p>	
<b>D9</b>	<b>Battlefield Spectrum Management</b>	<b>USASIGC</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in spectrum planning and management.</p> <p>b. <i>Qualifications.</i></p> <p>(1) Be in the grade of Sergeant First Class or above, or a Staff Sergeant on a DA centralized Sergeant First Class promotion list. As an exception, personnel holding MOS 18E must be in the grade of Staff Sergeant or above.</p> <p>(2) Must have successfully completed the CMF 31 Advanced NCO Course prior to attendance at the Battlefield Spectrum Management Course.</p> <p>(3) Minimum scores of 100 in aptitude area GT and 105 in aptitude area EL.</p> <p>(4) Must successfully complete the Battlefield Spectrum Management (BSM) Course at Ft Gordon, GA.</p> <p>(5) Sergeant First Class must have less than 17 years total active service to attend the course.</p> <p>c. <i>Restrictions.</i> For use with positions and personnel in MOS 18E, 31W, and 31Z; for use with personnel only in grade of Staff Sergeant (on a DA Sergeant First Class promotion list) with MOS 31C, 31F, 31R, and 31L.</p>	
<b>E3</b>	<b>Executive Administrative Assistant</b>	<b>USAAGS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers skill level 1 through 3 qualified to perform at a high level of English grammar proficiency, transcribe dictation from mechanical equipment, prepare/type correspondence, perform protocol and social etiquette responsibilities, and perform related secretarial and administrative duties.</p> <p>b. <i>Qualifications.</i></p> <p>(1) A physical profile (PULHES) of 323122.</p>	

**Table 12-2**  
**Numerical listing of skills—Continued**

Code	Title	Proponent
	(2) A minimum score of 105 in aptitude area ST. (3) A security clearance of SECRET. (4) A U.S. citizen. (5) A grade of 12.0 or higher on the English portion of the Test of Adult Basic Education, Form D (TABE-A) and the ability to type 35 net words per minute (NWPM) upon entry to the resident course. (6) Successful completion of the Executive Administrative Assistant Course, Ft Jackson, SC. (7) Executive Administrative Assistants must possess the ability to type at a minimum speed of 45 NWPM upon completion of course. c. <i>Restrictions.</i> For use with MOS 71L in skill level 1 through 3 only.	
<b>E4</b>	<b>Attache Administrative Support</b>	<b>USAICS</b>
	a. <i>Description of positions.</i> Identifies in TDA only positions requiring soldiers qualified to perform administrative duties in support of Defense Army Attache Offices in U.S. embassies. b. <i>Qualifications.</i> Must successfully complete the Attache Staff Operations Course at DIC, Bolling AFB, Washington, D.C. Prior to attendance soldier must be accepted by the Defense Intelligence Agency. c. <i>Restrictions.</i> For use with MOS 71L in grades SSG and SFC only.	
<b>E5</b>	<b>Instrument Maintenance (Power Station)</b>	<b>USAES</b>
	a. <i>Description of positions.</i> Identifies positions requiring soldiers to perform unit and direct support and general support maintenance and calibration of electrical power plant monitoring and control instrumentation equipment. b. <i>Qualifications.</i> Must successfully complete the Prime Power Production Specialist Course, Ft Belvoir, VA. c. <i>Restrictions.</i> For use with MOS 52E only.	
<b>E9</b>	<b>M901 (ITV) Gunner/Crew Training</b>	<b>USAIS</b>
	a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in ITV operations. b. <i>Qualifications.</i> Must successfully complete the ITV Gunner/Crew Training Course at Ft Benning, GA or Ft Knox, KY. c. <i>Restrictions.</i> For use with MOS 11H, and 19D only.	
<b>F1</b>	<b>Operations and Intelligence (Special Forces)</b>	<b>USAJFKSWCS</b>
	a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to provide SF intelligence, operations, intelligence training and the application of counterintelligence principles encountered by Special Operations Units. b. <i>Qualifications.</i> Must successfully complete Special Forces Operations and Intelligence Course, Ft Bragg, NC. c. <i>Restrictions.</i> For use with MOS 18B, 18C, 18D, 18E, and 18Z only.	
<b>F2</b>	<b>Antenna Installation</b>	<b>ASIGC</b>
	a. <i>Description of positions.</i> Identifies positions requiring soldiers involved in antenna installation. b. <i>Qualifications.</i> Must successfully complete the Antenna Installer Specialist Course at Sheppard AFB, TX. c. <i>Restrictions.</i> For use with MOS 31L only.	
<b>F3</b>	<b>Corps/Installation Supply Operations Automated</b>	<b>USAQMS</b>
	a. <i>Description of positions.</i> Identifies positions requiring soldier materiel managers (E4 through E9) qualified in supply operations governed by the Standard Army Intermediate Level Supply (SAILS) subsystem procedures. b. <i>Qualifications.</i> Must successfully complete the SAILS ABX/SAILS Management Course at Ft Lee, VA. c. <i>Restrictions.</i> For use with MOS 92A only.	
<b>F4</b>	<b>Postal Supervisor</b>	<b>USAAGS</b>
	a. <i>Description of positions.</i> Identifies positions requiring soldiers (SGT(P) through SGM) qualified as a postal supervisor. b. <i>Qualifications.</i> (1) Have been awarded ASI F5. (2) Successfully complete the Postal Supervisor Course, Ft Jackson, SC.	

**Table 12-2**  
**Numerical listing of skills—Continued**

Code	Title	Proponent
	c. <i>Restrictions.</i> For use with MOS 71L SSG through SGM only.	
<b>F5</b>	<b>Postal Operations</b>	<b>USAAGS</b>
	a. <i>Description of positions.</i> Identifies positions in postal activities, requiring soldiers qualified in the handling of international mail, U.S. mail, and money orders. b. <i>Qualifications.</i> Soldiers must have: (1) No record of: (a) Court martial conviction. (b) Punishment under Article 15 involving a postal-related incident within last 3 years. (c) Civilian conviction other than minor traffic violations. (d) Derogatory information or unfavorable conduct that casts doubt on the soldier's trustworthiness and honesty. (e) Psychiatric disorder, alcoholism, or drug abuse, unless a medical evaluation determines the condition no longer exists. (2) Possess high moral standards and excellent military bearing. (3) Be financially responsible. (4) No record of relief from military postal duties for cause or criminal conviction. (5) Be a U.S. citizen, be eligible for a SECRET clearance, and have an Entrance National Agency Check (ENTNAC) or National Agency Check (NAC) on file. (6) No physical restrictions prohibiting duty involving prolonged standing, walking, or lifting of weights up to 70 pounds. (7) Physical profile (PULHES) of 211221. (8) Successfully complete the Postal Operations Course, Ft Jackson, SC. c. <i>Restrictions.</i> For use with MOS 71L only.	
<b>F6</b>	<b>Cable Splicing</b>	<b>USASIGC</b>
	a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in cable splicing. b. <i>Qualifications.</i> Must successfully complete the Cable Splicer Course at Sheppard AFB, TX. c. <i>Restrictions.</i> For use with MOS 31L only.	
<b>F7</b>	<b>Pathfinder</b>	<b>USAIS</b>
	a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in Pathfinder skills. b. <i>Qualifications.</i> Soldiers must successfully complete the Pathfinder Course, Ft Benning, GA. c. <i>Restrictions.</i> For use with MOS 11B, 11C, 11H, 11M, 19D, 88M, 92Y, and 93C (at skill levels 1 thru 3).	
<b>F8</b>	<b>Flight Simulator (UH1FS) Console Operations</b>	<b>USAAVNC</b>
	a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to operate the UH1FS flight simulator console. b. <i>Qualifications.</i> Must successfully complete the Flight Simulator (UH1FS) Operator Course, Ft Rucker, AL. c. <i>Restrictions.</i> For use with MOS 93C only.	
<b>F9</b>	<b>Advanced Field Artillery Tactical Data System (AFATDS)</b>	<b>USAFAS</b>
	a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the operation of Advanced Field Artillery Tactical Data System (AFATDS). b. <i>Qualifications.</i> Must successfully complete one of the following: (1) AFATDS transition course, Ft Sill, OK. (2) CECOM New Equipment Transition Training course, fielding locations. c. <i>Restrictions.</i> For use with MOS 13F only.	
<b>G2</b>	<b>Standard Army Retail Supply System (SARSS 2AD/2AC/2B)</b>	<b>USAQMS</b>
	a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified as operators or managers qualified in supply operations using SARSS 2AD/2AC/2B hardware and software at the Division, Corps, Echelons above Corps (EAC), and Installation level of Supply.	

**Table 12-2**  
**Numerical listing of skills—Continued**

Code	Title	Proponent
	<p>b. <i>Qualifications.</i> Must successfully complete the SARSS 2AD/2AC/2B Course at the U.S. Army Quartermaster School, Ft Lee, VA or the CASCOM/U.S. Army Information Software System Development Center Lee (USAISSDCL) approved New Equipment Training (NET) during initial fielding and certified by a LTC or higher in the unit chain of command.</p> <p>c. <i>Restrictions.</i> For use with MOS 92A only.</p>	
<b>G3</b>	<b>Standard Property Book System</b>	<b>USAQMS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to operate the Standard Army Property Book System.</p> <p>b. <i>Qualifications.</i> Must successfully complete either the SPBS course at USAQMS, Ft Lee, VA or CASCOM/USAISDCL New Equipment Training during initial fielding and certified by a LTC of higher in the unit's chain of command.</p> <p>c. <i>Restrictions.</i> For use with MOS 92Y only.</p>	
<b>G4</b>	<b>Armored Gun System (AGS) Operations and Maintenance</b>	<b>USAARMS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to operate and perform operator maintenance on the Armored Gun System (AGS).</p> <p>b. <i>Qualifications.</i> Must complete the AGS Crew Training (SL 1) or the AGS Commander Certification Course (SL 2 and above) taught at Ft Knox, KY. In addition, the ASI will be awarded by successfully completing New Equipment Training (NET) conducted under the auspices of the U.S. Army Armor School by the M1 NET team.</p> <p>c. <i>Restrictions.</i> For use with MOS 19K only.</p>	
<b>G8</b>	<b>Master Gunnery (Armored Gun System, AGS)</b>	<b>USAARMS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to assess status of AGS unit gunnery training and vehicle mounted weapons maintenance. Develops and conducts gunnery training programs for the AGS.</p> <p>b. <i>Qualifications.</i> Must successfully complete the AGS Master Gunnery Course, Ft Knox, KY.</p> <p>c. <i>Restrictions.</i> For use with MOS 19K and 19Z only.</p>	
<b>G9</b>	<b>Defense Against Sound Equipment (DASE)</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in DASE to include specialized electronic equipment and techniques used in detection and location of clandestine listening devices.</p> <p>b. <i>Qualifications.</i> Must successfully complete the DASE Course, Ft Meade, MD.</p> <p>c. <i>Restrictions.</i> For use with MOS 97B only.</p>	
<b>H1</b>	<b>Meteorological Equipment Maintenance</b>	<b>USAFAS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers trained in the maintenance of field artillery meteorological equipment.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Meteorological Equipment Repair Course, Ft Sill, OK.</p> <p>c. <i>Restrictions.</i> For use with MOS 93F only.</p>	
<b>H3</b>	<b>Physical Security Operations</b>	<b>USAMPS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the planning, coordinating and assessing of physical security systems designed to safeguard personnel and prevent unauthorized access to equipment, facilities, material, and documents; and to protect against espionage, sabotage, damage, and theft; conducting physical security surveys and inspections of all activities identified as mission essential, critical and vulnerable, and identifying and recommending physical security requirements and considerations in support of the commander.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Conventional Physical Security Course, Ft McClellan, AL.</p> <p>c. <i>Restrictions.</i> For use with MOS 95B and 95C only. Authorized only for skill levels 2 and above.</p>	

**Table 12-2**  
**Numerical listing of skills—Continued**

Code	Title	Proponent
<b>H4</b>	<b>Specialized Software Development Programmer</b>	<b>USASIGC</b>
	<p>a. <i>Description of positions.</i> There are no positions identified for Specialized Software Development Programmer. This ASI may only be used to identify personnel qualified in the analysis, design, testing, debugging, and documentation of software programs using one of the following programming languages: C, C+&amp;plus, Ada, COBOL, or PASCAL.</p> <p>b. <i>Qualifications.</i></p> <ol style="list-style-type: none"> <li>(1) Successfully complete one of the following: <ol style="list-style-type: none"> <li>(a) A high level structured computer programming course in C, C++, Ada, COBOL, or PASCAL at the Computer Science School, U.S. Army Signal Center and Ft Gordon, GA. Programming courses taught at the AIT level will not be considered.</li> <li>(b) A civilian or military functional programmers course in C, C++, Ada, COBOL, or PASCAL.</li> <li>(c) An associate or higher educational degree program in Computer Science, encompassing C, C++, Ada, COBOL, or PASCAL languages.</li> </ol> </li> <li>(2) Possess six months on-site experience performing programmer duties in the language for which trained. Must be assigned to a Software Development Center (SDC) and actively working with one of the programming language listed above at the time of request for award of ASI.</li> <li>(3) Request for award of ASI must be submitted on DA Form 4187 (Personnel Action), together with supporting documentation to the Commandant, U.S. Army Signal School, ATTN: ATZH-POE, Ft Gordon, GA 30905-5300 for approval. Supporting documentation must include the following: <ol style="list-style-type: none"> <li>(a) Certificate of completion of training and/or college transcripts.</li> <li>(b) Course description of programming language for which trained.</li> <li>(c) Recommendation from supervisor (GSO9/WO1/CPT or above) and unit commander.</li> <li>(d) Job description of duties being performed.</li> </ol> </li> <li>(4) U.S. Army Signal School will furnish individual with certification of eligibility for award of this ASI. Individual must then submit DA Form 4187, Request for Personnel Action, together with certificate of eligibility, to the local Personnel Service Center requesting award of this ASI.</li> </ol> <p>c. <i>Restrictions.</i> For use with personnel in MOS 74B only.</p>	
<b>H7</b>	<b>Petroleum Vehicle Operations</b>	<b>USAQMS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the operation and operator maintenance of petroleum vehicles.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Petroleum Vehicle Operator Course, Ft Dix, NJ.</p> <p>c. <i>Restrictions.</i> For use with MOS 77F only.</p>	
<b>H8</b>	<b>Recovery Operations</b>	<b>USAOCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in vehicle recovery operations.</p> <p>b. <i>Qualifications.</i> Must successfully complete the: <ol style="list-style-type: none"> <li>(1) Light Wheel Recovery Specialist Course, Ft Jackson, SC, Ft Leonard Wood, MO (63B).</li> <li>(2) Heavy Wheel Vehicle Recovery Specialist Course, Ft Jackson, SC (63S).</li> <li>(3) Wheel Vehicle Recovery Specialist Course, Aberdeen Proving Ground, MD (63W).</li> <li>(4) Wheel Vehicle Recovery Specialist Course, TRADOC accredited Regional Training Sites-MMaintenance (63B, 63S, 63W).</li> <li>(5) Self-Propelled Field Artillery System Recovery Specialist Course, Aberdeen Proving Ground, MD (63D), Ft Knox, KY (63D).</li> <li>(6) M1 ABRAMS Tank System Recovery Specialist Course, Ft Knox, KY (63E and 63N).</li> <li>(7) Track Vehicle Recovery Specialist Course, Aberdeen Proving Ground, MD (63H).</li> <li>(8) Bradley FVS Recovery Specialist Course, Ft Knox, KY (63T).</li> <li>(9) Track Vehicle Recovery Specialist Course, Aberdeen Proving Ground, MD (63Y).</li> </ol> </p> <p>c. <i>Restrictions.</i> For use with MOS 63B, 63D, 63E, 63H, 63N, 63S, 63T, 63W, and 63Y only. Authorized only for SL 1 and 2.</p>	
<b>J1</b>	<b>Telemetry Collection Operations</b>	<b>USAIC&amp;FH</b>

**Table 12–2**  
**Numerical listing of skills—Continued**

Code	Title	Proponent
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the analysis of foreign instrument signals.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Telemetry Collection Operations Course 233-ASIJ1 at USAIC&amp;FH.</p> <p>c. <i>Restrictions.</i> For use with MOS 98J and 98K only.</p>	
<b>J3</b>	<b>Bradley Infantry Fighting Vehicle (BIFV) System Master Gunner</b>	<b>USAIS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in conducting gunnery training and maintenance program of BIFV system.</p> <p>b. <i>Qualifications.</i></p> <p>(1) Soldiers qualified in MOS 11H, 11M and 19D must successfully complete the Infantry Fighting Vehicle Master Gunner Course, Ft Benning, GA.</p> <p>(2) Soldiers qualified in MOS 14R only must successfully complete the Bradley Stinger Fighting Vehicle Master Gunner Phase I course, Ft Bliss, TX or be certified by their commander that appropriate training has been administered for student to successfully complete Phase II training taught at Ft Benning, GA prior to attending the Infantry Fighting Vehicle Master Gunner Course, Ft Benning, GA.</p> <p>c. <i>Restrictions.</i> For use with MOS 11H, 11M, 19D, and 14R only.</p>	
<b>J5</b>	<b>Technical Escorting</b>	<b>USAOCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to provide for a safe and secure escort of shipments of chemicals, biological or etiological material and radioactive waste.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Technical Escort Course, Redstone Arsenal, AL.</p> <p>c. <i>Restrictions.</i> For use with MOS 54B and 55D only.</p>	
<b>J6</b>	<b>Reproduction Equipment Repair</b>	<b>USAES</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to perform unit, direct support and general support and depot maintenance on offset lithographic and reproduction equipment.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Reproduction Equipment Repair Course, Ft Belvoir, VA.</p> <p>c. <i>Restrictions.</i> For use with MOS 81L only.</p>	
<b>J7</b>	<b>WHCA Console Control Operations</b>	<b>USASIGC</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in WHCA Console Control Operations.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Console Control Operations Course at the WHCA, Washington, D.C. Award authority is limited to the Cdr, WHCA. A TOP SECRET clearance and eligibility for SCI access are mandatory prerequisites for attendance.</p> <p>c. <i>Restrictions.</i> For use with positions and personnel in any CMF 31 MOS only.</p>	
<b>J9</b>	<b>TOW Field Test Set (TFTS), (TOW-Ground)</b>	<b>USAOCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the use of the TOW Field Test Set.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Equipment Operations/Maintenance Test Set, Guided Missile System (TOW-Ground) Course, Redstone Arsenal, AL.</p> <p>c. <i>Restrictions.</i> For use with MOS 27E only.</p>	
<b>K2</b>	<b>NAAdvanced Senior (Sr) Analysis</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the use of specialized techniques and equipment to analyze selected non-morse signal data.</p> <p>b. <i>Qualifications.</i> Must have previously completed the Non-Morse Analysis (Intermediate) Course (ASI M7) and successfully completed the Senior Non-Morse Analyst Course, Pensacola NAS, FL.</p> <p>c. <i>Restrictions.</i> For use with MOS 98K only.</p>	
<b>K4</b>	<b>M1A2 Tank Operations and Maintenance</b>	<b>USAARMS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to operate and perform operator maintenance on M1A2 tanks.</p>	

**Table 12–2**  
**Numerical listing of skills—Continued**

Code	Title	Proponent
	<p>b. <i>Qualifications.</i> Must successfully complete one of the following:</p> <p>(1) M1A2 Gunner/Crew Training (SL 1) or the M1A2 Tank Commander Certification Course (SL 2 and above) taught at Ft Knox, KY (MOA 19K).</p> <p>(2) M1A2 Tank Repairer course taught at either Ft Knox, KY, Aberdeen Proving Ground, MD or the Regional Training Sites-Maintenance (RTS-M) (MOS 45E, 45G, 45K, and 63E).</p> <p>(3) New Equipment Training (NET) conducted under the auspices of the U.S. Army Armor School and/or the U.S. Army Ordnance Center and School.</p> <p>c. <i>Restrictions.</i> For use with MOS 19K, 45E, 45G, 45K, and 63E (SL 1 to 4 only).</p>	
<b>K8</b>	<b>Master Gunnery M1A2 Tank</b>	<b>USAARMS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to assess status of M1A2 unit gunnery training and vehicle mounted weapons maintenance. Develops and conducts gunnery training programs for the M1A2 tank.</p> <p>b. <i>Qualifications.</i> Must successfully complete the M1A2 Master Gunnery Transition Course, Ft Knox, KY.</p> <p>c. <i>Restrictions.</i> For use with MOS 19K and 19Z only.</p>	
<b>L1</b>	<b>Master Fox Scout</b>	<b>USACMLS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to assess, develop and conduct unit level training programs for the Fox M93 Nuclear Biological Reconnaissance System (NBCRS).</p> <p>b. <i>Qualifications.</i> Must successfully complete the Master Fox Scout Course at the U.S. Army Chemical School, Ft McClellan, AL.</p> <p>c. <i>Restrictions.</i> For use with MOS 54B. Authorized only for SL 3 and 4.</p>	
<b>L4</b>	<b>Biological Integrated Detection System (BIDS)</b>	<b>USACMLS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to operate BIDS.</p> <p>b. <i>Qualifications.</i> Must successfully complete the BIDS Course at the United States Army Chemical School, Ft McClellan, AL.</p> <p>c. <i>Restrictions.</i> Used only with MOS 54B, (SL 1 thru SL 4)only.</p>	
<b>L5</b>	<b>NBC Reconnaissance</b>	<b>USACMLS</b>
	<p>a. <i>Description of positions.</i> Identifies positions in a chemical platoon requiring soldiers qualified in NBC reconnaissance.</p> <p>b. <i>Qualifications.</i> Must successfully complete the NBC reconnaissance course at Ft McClellan, AL. RC personnel in MOS 54B are eligible for award of ASI L5 upon successful completion of the nonresident ASI Course conducted at ARNG Academies and USAR schools.</p> <p>c. <i>Restrictions.</i> Used only with MOS 54B, SL 1 through 4.</p>	
<b>M2</b>	<b>Cytology Specialty</b>	<b>OTSG</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to function as cytology NCO by providing them with the knowledge and skill to cytologically diagnose disease processes, cancer, and its precursors.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Cytology NCO course conducted at AMEDDC&amp;S.</p> <p>c. <i>Restrictions.</i> For use with MOS 91K (SL 2, 3 and 4) only.</p>	
<b>M3</b>	<b>Dialysis Specialty</b>	<b>OTSG</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the operation of dialysis equipment and the treatment of patients with kidney disorders.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Dialysis Technician Course, WRAMC, Washington, D.C.</p> <p>c. <i>Restrictions.</i> For use with MOS 91K only.</p>	
<b>M4</b>	<b>Blood Donor, Center Operations</b>	<b>OTSG</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in grouping, collecting, and processing whole blood on a large volume basis.</p> <p>b. <i>Qualifications.</i> Must successfully complete on-site training.</p> <p>c. <i>Restrictions.</i> For use with MOS 19K only.</p>	
<b>M5</b>	<b>Nuclear Medicine Specialty</b>	<b>OTSG</b>

**Table 12–2**  
**Numerical listing of skills—Continued**

Code	Title	Proponent
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to assist medical officers in preparing and conducting clinical nuclear medicine INVIVO and INVITRO procedures.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Clinical Nuclear Medicine Tech course, Naval School of Health Sciences, Bethesda, MD.</p> <p>c. <i>Restrictions.</i> For use with MOS 91P (SL 2 and 3) only.</p>	
<b>M7</b>	<b>Intermediate (Inter) Analysis</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the Analysis of Non-Morse communications.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Intermediate Non-Morse Analyst Course at Pensacola NAS, FL.</p> <p>c. <i>Restrictions.</i> For use with MOS 98K (SL 1-3) only.</p>	
<b>M8</b>	<b>Drug and Alcohol Counseling</b>	<b>OTSG</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in counseling of drug and alcohol patients.</p> <p>b. <i>Qualifications.</i> Must successfully complete the U.S. Army Drug and Alcohol Rehabilitation Training (USADART) Individual Course and Group Course at Academy of Health Sciences, Ft Sam Houston, TX.</p> <p>c. <i>Restrictions.</i> For use with MOS 91X in grade of SGT through SFC only.</p>	
<b>N1</b>	<b>Aircraft Crewmember Standardization Instruction</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers trained in aircraft crewmember standardization instruction.</p> <p>b. <i>Qualifications.</i> Must successfully complete the CH–47 Flight Engineer Instructor Course, Ft Rucker, AL.</p> <p>c. <i>Restrictions.</i> For use with MOS 67U30 only. This ASI will take precedence over all other ASI.</p>	
<b>N2</b>	<b>Nondestructive Test Equipment</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to use nondestructive test equipment in testing aircraft components.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Apprentice Non-destructive Inspection Course, NAS Memphis, TN or the Nondestructive Inspection Equipment Course at Chanute AFB, IL.</p> <p>c. <i>Restrictions.</i> For use with MOS 68D only.</p>	
<b>N3</b>	<b>Occupational Therapy Specialist</b>	<b>OTSG</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to assist in delivery of health care services.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Occupational Therapy Specialist Course, conducted at AMEDD Center and School, Ft Sam Houston, TX.</p> <p>c. <i>Restrictions.</i> For use with MOS 91B in the grade of SPC through SFC only.</p>	
<b>N4</b>	<b>Health Physics Specialist</b>	<b>OTSG</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to supervise and perform health physics technologist duties.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Health Physics Specialist Course conducted at AMEDD Center and School, Ft Sam Houston, TX.</p> <p>c. <i>Restrictions.</i> For use with MOS 91S in grade of SPC through SSG only.</p>	
<b>N5</b>	<b>Dental Laboratory Specialist</b>	<b>OTSG</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to perform basic and intermediate highly specialized dental laboratory procedures as a Dental Laboratory Specialist.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Dental Laboratory Specialist Course, AMEDDC&amp;S, Ft Sam Houston, TX.</p> <p>c. <i>Restrictions.</i> For use with MOS 91E, SL 1, 2, and 3, only.</p>	
<b>N7</b>	<b>Strategic Debriefing and Interrogation</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to conduct strategic debriefing and interrogation of civilian defectors, refugees, travelers, and resettlers.</p>	

**Table 12–2**  
**Numerical listing of skills—Continued**

Code	Title	Proponent
	<p>b. <i>Qualifications.</i> Must successfully complete the Defense Strategic Debriefing and Interrogation Course at Ft Huachuca, AZ.</p> <p>c. <i>Restrictions.</i> For use with MOS 97B and 97E only.</p>	
<b>N9</b>	<b>Physical Therapy Specialty</b>	<b>OTSG</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to assist in delivery of health care services.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Physical Therapy Specialist course, Academy of Health Sciences (AMEDD C&amp;S), Ft Sam Houston, TX.</p> <p>c. <i>Restrictions.</i> For use with MOS 91B in the grade of SPC through SFC only.</p>	
<b>P1</b>	<b>Orthopedic Specialist</b>	<b>OTSG</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to assist with the treatment of patients with orthopedic conditions and injuries.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Orthopedic Specialist Course, AMEDD Center and School, Ft Sam Houston, TX.</p> <p>c. <i>Restrictions.</i> For use with MOS 91B in the grade of SPC through SFC only.</p>	
<b>P2</b>	<b>Ear, Nose, and Throat Specialist</b>	<b>OTSG</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to conduct basic diagnostic tests and assists in the care and treatment of patients with ear, nose, and throat disorders.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Ear, Nose, and Throat Specialist Course, AMEDD Center and School, Ft Sam Houston, TX.</p> <p>c. <i>Restrictions.</i> For use with MOS 91B in the grade of SPC through SFC only.</p>	
<b>P3</b>	<b>Eye Specialist</b>	<b>OTSG</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to conduct routine diagnostic tests and assists in the care and treatment of ophthalmology or optometry patients.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Eye Specialist Course, AMEDD Center and School, Ft Sam Houston, TX.</p> <p>c. <i>Restrictions.</i> For use with MOS 91B in the grade of SPC through SFC only.</p>	
<b>P5</b>	<b>Master Fitness Trainer</b>	<b>USAIS</b>
	<p>a. <i>Description of positions.</i> There are no positions identified for Master Fitness Trainers.</p> <p>b. <i>Qualifications.</i> Must successfully complete the (four weeks Active Army or two weeks Reserve Component) Master Fitness Trainer Course, conducted under the auspices of the U.S. Army Physical Fitness School, Ft Benning, GA.</p> <p>c. <i>Restrictions.</i> For identification of personnel only. Used with any MOS.</p>	
<b>P7</b>	<b>Satellite Communications Terminal AN/TSC–85(/)93( ) Operator/Maintainer</b>	<b>USASIGC</b>
	<p>a. <i>Description of positions.</i> There are no positions identified for Satellite Communications Terminal AN/TSC–85( )/93 ( ) Operator/Maintainers.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Transportable Multichannel Satellite System Operator/Maintainer Course at Ft Gordon, GA.</p> <p>c. <i>Restrictions.</i> For use with MOS 31R personnel only.</p>	
<b>P8</b>	<b>Polygraph Operations</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to participate in the DoD Polygraph Program.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Polygraph Examiner Training Course at the DoD Polygraph Institute, Ft McClellan, AL.</p> <p>c. <i>Restrictions.</i> For use with MOS 97B (SL 2 and above) only.</p>	
<b>P9</b>	<b>Biological Sciences Assistant</b>	<b>OTSG</b>

**Table 12–2**  
**Numerical listing of skills—Continued**

Code	Title	Proponent
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers to perform professional laboratory and medical research duties in the field of biological, physical, and medical allied science.</p> <p>b. <i>Qualifications.</i> Must possess a Baccalaureate or Masters Degree in biological chemical, physical science or medical laboratory technology and be approved by PERSCOM and Medical Research &amp; Development Command for assignment for duty at one of their laboratories.</p> <p>c. <i>Restrictions.</i> For use with MOS 91K (SL 3 and below) only.</p>	
<b>Q2</b>	<b>Aviation Life Support Equipment (ALSE)</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to inspect and maintain aviation life support equipment.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Aviation Life Support Equipment Specialist/Supervisor Course, conducted under the auspices of the U.S. Army Aviation School, Ft Rucker, AL.</p> <p>c. <i>Restrictions.</i> For use with MOS 67G, 67N, 67R, 67S, 67T, 67U, 67V, 67Y, and 93P only.</p>	
<b>Q5</b>	<b>Special Forces Combat Diving, Medical</b>	<b>USAJFKSWCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in medical aspects of SF combat diving operations.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Special Forces Diving, Medical Technician Course, Key West, FL.</p> <p>c. <i>Restrictions.</i> For use with MOS 18D only.</p>	
<b>Q8</b>	<b>Tactical Air Operations</b>	<b>USACAC</b>
	<p>a. <i>Description of positions.</i> Identifies positions, requiring soldiers NCO grades, familiar with closeair support, tactical airlift and tactical air reconnaissance in support of joint operations using ground and tactical air units.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Joint Firepower Control Course, Hurlbert Field, FL.</p> <p>c. <i>Restrictions.</i> For use with MOS 11B, 11Z, 13F, 18B (SL 3 only), 18E (SL 3 only), 19Z, 93C (SL 4), and 93P.</p>	
<b>Q9</b>	<b>Traffic Accident Investigation</b>	<b>USAMPS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the reconstruction of traffic accidents from evidence to determine reasons for occurrence, possibility of avoidance and determination of fault.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Traffic Management and Accident Investigation Course, Lackland, AFB, TX or the Traffic Accident Investigation Course, 7A CATC, Vilseck, FRG.</p> <p>c. <i>Restrictions.</i> For use with MOS 95B only.</p>	
<b>S1</b>	<b>TOW Master Gunner</b>	<b>USAIS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in conducting gunnery training and maintenance program of TOW system.</p> <p>b. <i>Qualifications.</i> Must successfully complete the TOW Master Gunner Course, Ft Benning, GA.</p> <p>c. <i>Restrictions.</i> For use with MOS 11H.</p>	
<b>S2</b>	<b>Mechanical Equipment Maintenance (Power Station)</b>	<b>USAES</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in unit and direct support and general support maintenance of mechanical equipment used in electrical power production.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Prime Power Production Specialist Course, Ft Belvoir, VA.</p> <p>c. <i>Restrictions.</i> For use with MOS 52E only.</p>	
<b>S3</b>	<b>Electrical Equipment Maintenance (Power Station)</b>	<b>USAES</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in unit and direct support and general support maintenance of electrical equipment used in electric power production.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Prime Power Production Specialist Course, Ft Belvoir, VA.</p>	

**Table 12–2**  
**Numerical listing of skills—Continued**

Code	Title	Proponent
	<p>c. <i>Restrictions.</i> For use with MOS 52E only.</p>	
<b>S6</b>	<b>Special Forces Combat Diving, Supervision</b>	<b>USAJFKSWCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in Special Forces Combat Diving, supervision.</p> <p>b. <i>Qualifications.</i> Must have previously completed the Combat Diving Qualification Course at Key West, FL and successfully completed the Special Forces Combat Diving Supervision Course, Key West, FL.</p> <p>c. <i>Restrictions.</i> For use with MOS 18B (SFC only) and 18Z.</p>	
<b>S7</b>	<b>Foreign Counterintelligence (FCI)</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies selected positions requiring soldiers involved in Foreign Counterintelligence.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Advanced Foreign Counterintelligence Training Course at Ft Meade, MD.</p> <p>c. <i>Restrictions.</i> For use with MOS 97B, SL 2 thru 5 only.</p>	
<b>S9</b>	<b>Defense Sensor Interpretation and Application Training Program (DSIATP)</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in microscale interpretation, electronic data reporting, storage retrieval, and dissemination of imagery-derived intelligence information.</p> <p>b. <i>Qualifications.</i> Must successfully complete the DSIATP Course, Goodfellow AFB, TX.</p> <p>c. <i>Restrictions.</i> For use with MOS 96D only.</p>	
<b>T1</b>	<b>Enhanced Position Location and Reporting System (EPLRS) Net Control Station (NCS) and Enhanced Ground Reference Unit (EGRU) Operator</b>	<b>USASIGCEN</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the operation of the Enhanced Position Location and Reporting System (EPLRS) Net Control Station (NCS) and Enhanced Ground Reference Unit (EGRU).</p> <p>b. <i>Qualifications.</i> Must successfully complete the EPLRS Net Control Station Operator Course, U.S. Army Signal School at Ft Gordon, GA.</p> <p>c. <i>Restrictions.</i> For use with MOS 31C only.</p>	
<b>T8</b>	<b>Division Supply Accounting (DS4/Direct Support Unit Standard Supply System)</b>	<b>USAQMS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the use of the DS4 to maintain and update supply accounts in divisional units.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Direct Support Unit Supply System (DS4) Course at Ft Lee, VA.</p> <p>c. <i>Restrictions.</i> For use with MOS 92A only.</p>	
<b>T9</b>	<b>Cryptanalysis</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the analysis of encrypted communications.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Cryptologic Cryptanalyst Course, Goodfellow AFB, TX.</p> <p>c. <i>Restrictions.</i> For use with MOS 98C only.</p>	
<b>U2</b>	<b>Unmanned Aerial Vehicle—Short Range Repair</b>	<b>USAIC&amp;FH</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to repair the Unmanned Aerial Vehicle—Short Range (UAV–SR) electronic on-board and associated systems.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Joint UAV–SR Electronic Maintenance Specialist Course at USAIC&amp;FH, Ft Huachuca, AZ.</p> <p>c. <i>Restrictions.</i> For use with MOS 33W only.</p>	
<b>U4</b>	<b>Power Line Distribution</b>	<b>USAES</b>

**Table 12–2**  
**Numerical listing of skills—Continued**

Code	Title	Proponent
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to install, operate, and maintain power distribution systems.</p> <p>b. <i>Qualifications.</i> Must successfully complete the USAF course (Electric Power Line Specialist) at Sheppard Technical Training Center, TX.</p> <p>c. <i>Restrictions.</i> For use with MOS 52E only.</p>	
<b>U6</b>	<b>Field Artillery Weapons Maintenance</b>	<b>USAFAS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to perform unit maintenance of cannon weapons armament systems in towed units.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Field Artillery weapons maintenance course, Ft Sill, OK.</p> <p>c. <i>Restrictions.</i> For use with MOS 13B only.</p>	
<b>V5</b>	<b>Military Police Investigation</b>	<b>USAMPS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in investigation of criminal offenses for which the maximum punishment is confinement at hard labor for less than one year; offenses involving larcenies of property valued at less than \$1000 in which the occurrence does not involve another major crime or the stolen property is not of a sensitive nature; and offense involving use and/or possession of nonnarcotic controlled substances when the amount and other factors indicate it is for personal use only. Participates in activities for the prevention of crime outlined above.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Military Police Investigation Course.</p> <p>c. <i>Restrictions.</i> For use with MOS 95B and 95C only.</p>	
<b>V7</b>	<b>Guidance Counseling</b>	<b>USARRS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to counsel enlistment applicants regarding specific options available for enlistment in the Army.</p> <p>b. <i>Qualifications.</i> Must successfully complete the appropriate Guidance Counselor Course, Ft Jackson, SC</p> <p>c. <i>Restrictions.</i> For use with MOS 79R and 79T.</p>	
<b>W3</b>	<b>Special Forces Target Interdiction Operations</b>	<b>USAJFKSWCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in Special Forces Target Interdiction Operations.</p> <p>b. <i>Qualifications.</i> Must successfully complete the special Operations Target Interdiction Course, Ft Bragg, N.C. or the U.S. Marine Corps (USMC) Sniper Course.</p> <p>c. <i>Restrictions.</i> For use with MOS 18B and 18C only.</p>	
<b>W5</b>	<b>OH–58D Qualification</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers trained on the OH–58D aircraft.</p> <p>b. <i>Qualifications.</i> Must successfully complete the MOS specific OH–58D course at USA Signal Center &amp; School, Ft Gordon, GA; USAALS, Ft Eustis, VA or USAAVNC, Ft Rucker, AL.</p> <p>c. <i>Restrictions.</i> For use with MOS 35R, 68F, 68J, and 68N only.</p>	
<b>W7</b>	<b>Special Forces Underwater Operations</b>	<b>USAJFKSWCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring participation in special forces, underwater operations. (MOS 92R only, positions at the Abn Board will be identified with this ASI.)</p> <p>b. <i>Qualifications.</i> Must successfully complete the Combat Dive Qualification Course, Key West, FL.</p> <p>c. <i>Restrictions.</i> For use with MOS 11B, 18B, 18D, 18E, 18F, 18Z and 92R only.</p>	
<b>W8</b>	<b>Special Forces Military Free Fall Operations</b>	<b>USAJFKSWCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring participation in special military operations requiring free fall parachuting. (MOS 92R only, positions at the Abn Board will be identified with this ASI.)</p> <p>b. <i>Qualifications.</i> Must successfully complete the Special Forces Military Free Fall Parachutist Course, Ft Bragg, NC.</p>	

**Table 12–2**  
**Numerical listing of skills—Continued**

Code	Title	Proponent
	<p>c. <i>Restrictions.</i> For use with MOS 11B, 11C, 18B, 18C, 18D, 18E, 18F, 18Z and 92R only.</p>	
<b>W9</b>	<b>Special Forces Military Free Fall Operations and Underwater Operations</b>	<b>USAJFKSWCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring participation in both special forces free fall and underwater operations. (MOS 92R only, positions at the Abn Board will be identified with this ASI.)</p> <p>b. <i>Qualifications.</i> Must have ASI W7 and W8 skills, no course.</p> <p>c. <i>Restrictions.</i> For use with MOS 11B, 11C, 18B, 18C, 18D, 18E, 18F, 18Z and 92R only.</p>	
<b>X1</b>	<b>AH–64 Maintenance</b>	<b>USAAVNC</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to perform maintenance of the AH–64A Attack Helicopter (Apache).</p> <p>b. <i>Qualifications.</i> Must successfully complete one of the following: (1) Intermediate DS/GS Test and Repair Station Maintenance (AH–64), Redstone Arsenal, AL (MOS 39B). (2) AH–64 Avionic Mechanics Course, Ft Gordon, GA (MOS 68N).</p> <p>c. <i>Restrictions.</i> For use with MOS 39B (SL 2 and 3 only), and 68N only.</p>	
<b>X2</b>	<b>Preventive Dentistry Specialty</b>	<b>OTSG</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to perform reversible restorative dental procedures and oral hygiene prophylactic procedures, to implement individual and group oral disease control programs.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Preventive Dentistry Course, AMEDD Ctr and School, Ft Sam Houston, TX.</p> <p>c. <i>Restrictions.</i> For use with MOS 91E (SGT and below) only.</p>	
<b>Y1</b>	<b>Transition</b>	<b>PERSCOM</b>
	<p>a. <i>Description of positions.</i> See table 6–2 for position description of specific MOS.</p> <p>b. <i>Qualifications.</i> Must successfully complete training leading to award of ASI for MOS as listed in table 6–2.</p> <p>c. <i>Restrictions.</i> For use with MOS authorized use and effective date as reflected in table 6–2.</p>	
<b>Y2</b>	<b>Transition</b>	<b>PERSCOM</b>
	<p>a. <i>Description of positions.</i> There are no positions identified for Transition (Y2).</p> <p>b. <i>Qualifications.</i> Awarded to soldiers holding MOS in Table 6–3 requiring transitory training.</p> <p>c. <i>Restrictions.</i> For use with MOS authorized use and effective date as reflected in table 6–3.</p>	
<b>Y5</b>	<b>TEMPEST Inspection</b>	<b>OMMCS</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in inspecting systems for cryptographic security.</p> <p>b. <i>Qualifications.</i> Must successfully complete the TEMPEST Course for maintenance/installation supervisors.</p> <p>c. <i>Restrictions.</i> For use with MOS 35E and MOS 35W in TDA only.</p>	
<b>Y6</b>	<b>Cardiovascular Specialist</b>	<b>OTSG</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to assist during specialized invasive cardiac tests and examinations.</p> <p>b. <i>Qualifications.</i> Must successfully complete the Cardiovascular Technician Course, AMEDD Center &amp; School, Ft Sam Houston, TX.</p> <p>c. <i>Restrictions.</i> For use in TDA with MOS 91B (grades SPC through SFC) only.</p>	
<b>Y7</b>	<b>Sterile Pharmacy Specialty</b>	<b>OTSG</b>
	<p>a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to perform sterile pharmacy practices leading to the preparation of items such as intravenous additives used to combat infection, restore and maintain electrolyte balance, and meet nutritional requirements.</p> <p>b. <i>Qualifications.</i> Soldiers must have successfully completed the Pharmacy Sterile Products Course, AHS, Ft Sam Houston, TX.</p>	

**Table 12-2**  
**Numerical listing of skills—Continued**

Code	Title	Proponent
c. <i>Restrictions.</i> For use with MOS 91Q only.		
<b>Z2</b>	<b>Automatic Message Switching Center Operations</b>	<b>USASIGC</b>
a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the operations of Mobile Message Center switching, automatic AN/TYC-39 operations.		
b. <i>Qualifications.</i> Must successfully complete the AN/TYC-39 Automatic Message Switching Central Operations Course at Ft Gordon, GA.		
c. <i>Restrictions.</i> For use with MOS 74C only.		

<b>Z5</b>	<b>Enlisted Aide</b>	<b>USAQMS</b>
a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to perform the duties and functions of enlisted aide on a General Officer's personal staff.		

**Table 12-2**  
**Numerical listing of skills—Continued**

Code	Title	Proponent
b. <i>Qualifications.</i> Must be a graduate of the resident MOS 92G BNCOC at Ft Lee, VA, and serve successfully in an authorized Enlisted Aide position to a general officer for a period of 120 days. PERSCOM will initiate action for the award of the ASI if no unfavorable communication is received from the general officer within the 120 day trial period. Technical certification is controlled by the USAQMC&S with award authority limited to PERSCOM. Must meet selection criteria contained in AR 614-200. PERSCOM retains the authority to remove the ASI from individuals who are relieved from the Enlisted Aide Program.		
c. <i>Restrictions.</i> For use with MOS 92G only.		

<b>Z6</b>	<b>Detector Dog Handling</b>	<b>USAMPS</b>
a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified in the employment, training and handling of patrol dogs capable of detecting explosives and narcotics of several types.		
b. <i>Qualifications.</i> Must successfully complete the Patrol Dog Handler Course (ASI A9) and the USAF Combined Detector Dog Handlers Course, Lackland AFB, TX.		
c. <i>Restrictions.</i> For use with MOS 95B only.		

<b>Z8</b>	<b>Technical ELINT Collection and Analysis</b>	<b>USAIC&amp;FH</b>
a. <i>Description of positions.</i> Identifies positions requiring soldiers qualified to perform technical electronic collection and analysis.		
b. <i>Qualifications.</i> Must have successfully completed course EA 280-Intermediate ELINT Collection and Analysis at NSA/NCS, Ft Meade, MD.		
c. <i>Restrictions.</i> For use with MOS 98J in SL 2 and above only.		

**Table 12-3**  
**MOS authorized use of ASI Y1—transition**

MOS	Date of termination	Purpose
13C	1 Oct 99	To provide transitory identification of positions requiring soldiers in MOS 13C who have successfully completed Advanced Field Artillery Tactical Data System (AFATDS) transition course, Ft Sill, OK, or the CECOM New Equipment Transition Training course for AFATDS.
13E	1 Oct 99	To provide transitory identification of positions requiring soldiers in MOS 13E who have successfully completed transition course, Ft Sill, OK, or the CECOM New Equipment Transition Training course for AFATDS.
13P	1 Oct 99	To provide transitory identification of positions requiring soldiers in MOS 13P who have successfully completed transition course, Ft Sill, OK, or the CECOM New Equipment Transition Training course for AFATDS.

**Chapter 13**  
**MOS, SQI and ASI not Available to Women Soldiers**

**13-1. MOS, SQI and ASI closed to women**

The Army has recognized the high probability that soldiers classified in some MOS and SQI will routinely engage in direct combat.

**13-2. SQI "G" , Ranger; SQI "V" Ranger-Parachutist**

SQI "G" , Ranger; SQI "V" Ranger-Parachutist; and the MOS listed in table 13-1 are closed for accession or reclassification of female soldiers (see AR 611-1).

**Table 13-1**  
**MOS closed to women**

MOS	Title
11B	Infantryman

**Table 13-1**  
**MOS closed to women—Continued**

MOS	Title
11C	Indirect fire infantryman
11H	Heavy antiarmor weapons infantryman
11M	Fighting vehicle infantryman
11Z	Infantry senior sergeant
12B	Combat engineer
13B	Cannon crewmember
13C	TACFIRE operations specialist
13E	Cannon fire direction specialist
13F	Fire support specialist

**Table 13-1**  
**MOS closed to women—Continued**

MOS	Title
13M	Multiple launch rocket system (MLRS) crewmember
13P	Multiple launch rocket system/LANCE operations/fire direction specialist
13R	Field artillery firefinder radar operator
14J	Early warning system operator
14R	Line of sight-forward-heavy crewmember
14S	AVENGER crewmember
16P	CHAPARRAL crewmember
16R	VULCAN crewmember
16S	MANPADS crewmember
18B	Special forces weapons sergeant
18C	Special forces engineer sergeant
18D	Special forces medical sergeant
18E	Special forces communications sergeant
18F	Special forces assistant operations and intelligence sergeant
18Z	Special forces senior sergeant
19D	Cavalry scout
19E	M48-M60 armor crewman (Reserve Components)
19K	Armor crewman
19Z	Armor senior sergeant
24M	VULCAN system mechanic
24N	CHAPARRAL system mechanic
45D	Self-propelled FA turret mechanic
45E	M1 ABRAMS tank turret mechanic
45N	M60A1/A3 tank turret mechanic (RC)
45T	Bradley fighting vehicle system turret mechanic
63D	Self-propelled field artillery system mechanic
63E	M1 ABRAMS tank system mechanic
63N	M60A1/A3 tank system mechanic (Reserve Components)
63T	Bradley fighting vehicle/cavalry fighting vehicle system mechanic
96R	Ground surveillance systems operator

## Chapter 14 Special Reporting Codes and Duty Assignment

### 14-1. College trainee (09D)

This code (09D00) will be used to report and identify soldiers undergoing training in a college, university technical institute, or similar institution of higher learning.

### 14-2. Commissioned officer candidate (09S)

This code (09S00) will be used as primary and duty MOS to report and identify soldiers undergoing training in an officer candidate school, or similar training facility that upon successful completion will result in appointment as an officer. If such training does not result in appointment, the code will be withdrawn and previously

designed PMOS will be reported, unless other reclassification per AR 600-200 is appropriate.

### 14-3. Warrant officer candidate (09W)

This code (09W00) will be used as primary and duty MOS to report and identify soldiers specifically selected for or undergoing training in a warrant officer MOS producing course, or similar training that on completion will result in appointment as warrant officer. If such training does not result in appointment, the code will be withdrawn and previously designated PMOS will be reported unless other reclassification per AR 600-200 is appropriate.

### 14-4. College student officer program (CSOP) Army National Guard (09T) Reserve Components Reporting Code

This code (09T00) will be used as primary and duty MOS to report and identify ARNG personnel attending non-ROTC colleges who have enlisted in the ARNG for the specific purpose of attending a State Officer Candidate School. This code will be withdrawn on successful completion of or withdrawal from the CSOP. This code is for use in identification of ARNG personnel only.

### 14-5. Simultaneous Membership Program Participant (09R) Reserve Components Reporting Code

This code (09R00) will be used as primary and duty MOS to report and identify USAR/ARNG individual while enrolled in ROTC Advanced Course or scheduled for such enrollment. The code will be withdrawn on successful completion of or withdrawal from the SMP. This code is for use in identification of USAR/ARNG personnel only.

### 14-6. Special duty assignment (00D)

*a.* This code (00DOO) will be used to identify approved special duty assignment positions in organizational authorization documents, and to report the duty MOS for soldiers assigned to these positions. Authorization documents will not be identified with MOS 00D prior to approval by HQDA, PERSCOM (TAPC-PI). Special duty positions must meet the following criteria:

(1) Duties require unique civilian skills/education or component-unique experience not classified as an identifier elsewhere in this regulation.

(2) Skills and knowledge cannot normally be acquired from other duty positions in other military organizations.

(3) Service school course, resident or non-resident, are neither available nor practical for training personnel to perform the required duties.

(4) Number of positions involved are too small to warrant establishment of a new MOS or other occupational identifier.

*b.* Requests to identify positions with MOS 00D will be forwarded to the Commander, PERSCOM, ATTN: TAPC-PLC-C, 200 Stovall Street, Alexandria, VA 22332-0406, and will include the following information:

(1) Unit identification code, command code and document number of authorization document in which position exists.

(2) Paragraph and line number.

(3) Pay grade.

(4) Number of authorizations.

(5) Job description, including—

(*a.*) Duties.

(*b.*) Minimum skills and knowledge required.

(6) Summary of civilian education/training/experience required to successfully perform the job.

(7) Explanation of why the job cannot be coded with an existing Army identifier.

*c.* Approval will remain valid until mission changes occur or for 3 years, whichever comes first. If the requirement remains valid for more than 3 years, justification must be resubmitted for HQDA review and approval.

### 14-7. Equal opportunity (00U)

This code (00U00) will be used to identify soldiers in grades MSG

and SGM who were previously classified in MOS 00U and who decline reclassification while continuing to serve in SQI “Q” positions.

**14–8. Training accession reporting codes (Active Army only)**

These codes are used to access soldiers into the Active Army for certain CMF prior to specific MOS designation. The specific MOS training is determined prior to the soldier’s graduation from basic combat training, one station unit training. These codes are authorized only for identification of soldiers, and will not be used in manpower documents. The reporting codes in use for this purpose are shown at table 14-1.

**Table 14–1**  
**Training accession reporting codes (Active component only)**

Code	Title	MOS options
11X	Infantry	11B, 11C, 11H and 11M
18X	Special Forces Candidate	18B, 18C, 18D and 18E
98X	EW/SIGINT Specialty (Linguist)	98C, 98G

## **Appendix A References**

### **Section I Required Publications**

#### **AR 40-501**

Standards of Medical Fitness (cited in paras 3-6, throughout chap 8, 10-34, 10-149, 10-260, 10-261, 10-281, 10-282, 10-285)

#### **AR 50-5**

Nuclear and Chemical Weapons and Material--Nuclear Surety (cited in paras 10-155 and 10-266)

#### **AR 140-158**

Enlisted Personnel Classification, Promotion, and Reduction (cited in para 1-9)

#### **AR 310-49**

The Army Authorization Documents System (TAADS) (cited in para 3-32)

#### **AR 601-210**

Regular Army and Army Reserve Enlistment Program (cited in paras 9-5, and throughout chap 10 to denote specific requirements, including the Civilian Acquired Skills Program)

#### **AR 611-1**

Military Occupational Classification Structure Development and Implementation (cited in paras 1-1, 1-5, 2-6, 2-10, 2-18, 2-22, 2-27, 3-1, 3-2, 3-4, 3-6, 4-1, 5-1, 6-2, 6-12, 9-2, 9-5, 12-1, and 13-1)

#### **AR 611-6**

Army Linguist Management (cited in paras 10-122 and 10-276)

#### **AR 614-200**

Enlisted Assignments and Utilization Management (cited throughout chaps 10 and 11)

### **Section II Related Publications**

A related publication is merely source of additional information. The user does not have to read it to understand this publication.

#### **AR 56-9**

Watercraft

#### **AR 71-32**

Force Development and Documentation - consolidated Policies

#### **AR 95-1**

Army Aviation: Flight Regulations

#### **AR 95-2**

Air Traffic Control, Airspace, Airfields, Flight Activities and Navigation Aids

#### **AR 135-100**

Appointment of Commissioned and Warrant Officers of the Army

#### **AR 135-101**

Appointment of Reserve Commissioned Officers for Assignment to Army Medical Department Branches

#### **AR 135-210**

Order to Active Duty as Individuals for Other Than a Presidential Selected Reserve Call-Up, Partial or Full Mobilization

#### **AR 190-5 (JAR)**

Motor Vehicle Traffic Supervision

#### **AR 195-3**

Acceptance, Accreditation and Release of U.S. Army Criminal Investigation Command Personnel

#### **AR 350-41**

Training in Units

#### **AR 351-5**

U.S. Army Officer Candidate School

#### **AR 380-19**

Information Systems Security

#### **AR 380-67**

The Department of the Army Personnel Security Program

#### **AR 600-9**

The Army Weight Control Program

#### **AR 600-37**

Unfavorable Information

#### **AR 600-60**

Physical Performance Evaluation System

#### **AR 600-85**

Alcohol and Drug Abuse Prevention and Control Program

#### **AR 600-106**

Flying Status for Nonrated Army Aviation Personnel

#### **AR 601-50**

Appointment of Temporary Officers in the Army of the United States Upon Mobilization

#### **AR 601-100**

Appointment of Commissioned and Warrant Officers in the Regular Army

#### **AR 601-130**

Officer Procurement Programs of the Army Medical Department

#### **AR 601-280**

Total Army Retention Program

#### **AR 611-75**

Management of Army Divers

#### **AR 700-138**

Army Logistics Readiness and Sustainability

#### **AR 750-1**

Army Materiel Maintenance Policy and Retail Maintenance Operations

#### **DA Pam 600-11**

Warrant Officer Professional Development

#### **DA Pam 738-750**

Functional Users Manual for The Army Maintenance Management System (TAMMS)

#### **DoD 5122.10-STD-1**

Joint Work-Force Standards--Army, Navy, Air Force and Marine Corps (American Forces Radio and Television Broadcast Operations)

**TB 750-25**

Maintenance of Supplies and Equipment; Army Test, Measurement and Diagnostic Equipment (TMDE) Calibration and Repair Support (C&RS) Program

**Section III**

**Prescribed Forms**

**DA Form 5178-R**

Project Development Identifier and Project Development Skill Identifier (cited in para 1-6)

**Section IV**

**Referenced Forms**

**DA Form 2**

Personnel Qualification Record--Part I (For Army Reserve Use Only)

**DA FORM 2-1**

Personnel Qualification Record--Part II

**DA Form 2-2**

Insert Sheet to DA Form 2-1, Record of Court-Martial Conviction

**DA Form 330**

Language Proficiency Questionnaire

**DA Form 2404**

Equipment Inspection and Maintenance Worksheet

**DA Form 2406**

Material Condition Status Report

**DA Form 2654-R**

Request for Validation of Army Educational Requirement System (AERS)

**DA Form 4187**

Request for Personnel Action

**DA Form 7374-R**

Verification of Army Nurse Corps Clinical Competencies  
Emergency Nursing Skill Identifier

**DD Form 1966**

Record of Military Processing - Armed Forces of the United States

**SF 88**

Medical Record of Medical Examination

**SF 93**

Report of Medical History

**FAA 7220**

Air Traffic Control Specialist

## Glossary

This is a consolidated glossary for the Military Occupational Classification and Structure update.

### Section I Abbreviations

<b>AA</b> anti-aircraft; aptitude area	<b>AD</b> Air Defense; airdrop	<b>ALB</b> air land battle
<b>AACF</b> Army area calibration facility	<b>A&amp;D</b> admissions and disposition	<b>ALMC</b> Army Logistics Management Center
<b>AADCP</b> Army air defense command post	<b>ADA</b> air defense artillery	<b>aloc</b> allocate; allocator; allocation(s)
<b>AAESA</b> Army Acquisition Evaluation Support Agency	<b>ADAPCP</b> Alcohol and Drug Abuse Prevention and Control Program	<b>ALSE</b> aviation life support equipment
<b>AAP</b> affirmative action plan	<b>ADCOM</b> Air Defense Command	<b>AM</b> amplitude modulation
<b>AASLT</b> air assault	<b>adj</b> adjutant	<b>amb</b> ambulance
<b>ABAR</b> alternate battery acquisition radar; auxiliary battery acquisition radar	<b>admin</b> administration; administrative	<b>AMC</b> Army Materiel Command
<b>ABMOC</b> Air Battle Management Operations Center	<b>ADMSC</b> administrative section	<b>AME</b> aeromedical evacuation
<b>abn</b> airborne	<b>ADP</b> automatic data processing	<b>AMEDD</b> Army Medical Department
<b>AC</b> active component	<b>ADPE</b> automatic data processing equipment	<b>AMME</b> automated multi-media exchange
<b>A2C2</b> Army Airspace Command and Control	<b>ADPS</b> automatic data processing systems	<b>AMMH</b> annual maintenance manhours
<b>ACCS</b> automated communications computer systems	<b>ADSCOM</b> Air Defense Support Command	<b>ammo</b> ammunition
<b>ACE</b> armored combat earthmover	<b>ADT</b> Active Duty for Training	<b>AMOC</b> Aircraft Maintenance Officer Course
<b>acft</b> aircraft	<b>AERB</b> Army Educational Requirements Board	<b>AMOS</b> additional military occupational specialty
<b>ACIP</b> Aviation Career Incentive Pay	<b>AFCS</b> Active Federal Commissioned Service	<b>ANC</b> Army Nurse Corps
<b>ACP</b> allied communications publications	<b>a fld</b> airfield	<b>ANCOC</b> Advanced Noncommissioned Officer Course
<b>ACofS</b> Assistant Chief of Staff	<b>a frm</b> airframe	<b>AOAP</b> Army Oil Analysis Program
<b>acq</b> acquisition	<b>AG</b> adjutant general	<b>AOC</b> Area of Concentration
<b>ACSI</b> Assistant Chief of Staff, Intelligence	<b>AGR</b> Active Guard/Reserve	<b>AOE</b> Army of Excellence
<b>ACV</b> air cushion vehicle	<b>AH</b> attack helicopter	<b>AOSP</b> Army Occupational Survey Program
	<b>AHIP</b> Army Helicopter Improvement Program	<b>APA</b> American Psychology Association
	<b>AHSUSA</b> Academy of Health Sciences, U.S. Army	<b>APC</b> armored personnel carrier; Army postal clerk
	<b>AIT</b> advanced individual training	<b>APG</b> Aberdeen Proving Ground
		<b>API</b> American Petroleum Institute

<b>AR</b> Army Regulation; Army Reserve	<b>ATE</b> automatic test equipment	<b>BS</b> Bachelor of Science
<b>ARCOM</b> Army Reserve Command	<b>ATM</b> Aircrew Training Manual	<b>btry</b> battery
<b>ARCS</b> Army Ration Credit System	<b>aux</b> auxiliary	<b>CA</b> civil affairs
<b>ARM</b> antiradiation missile	<b>AVIM</b> aviation intermediate maintenance	<b>CAB</b> Chief, Army Bands
<b>ARMS</b> Army Master Data File Retrieval Microform System	<b>AVLB</b> armored vehicle launched bridge	<b>CAC</b> Combined Arms Center
<b>ARNG</b> Army National Guard	<b>avn</b> aviation	<b>CAD</b> course administrative data
<b>ARNGUS</b> Army National Guard of the United States	<b>AVUM</b> aviation unit maintenance	<b>CAS</b> civilian acquired skills
<b>ARPERCOM</b> Army Reserve Personnel Command	<b>AW</b> automatic weapon	<b>CAUDB</b> correctable authorization data base
<b>ARPRINT</b> Army Program for Individual Training	<b>AWOL</b> absent without leave	<b>CC</b> circulation control
<b>ARSTAF</b> Army Staff	<b>BA</b> Bachelor of Arts	<b>CCH</b> Chief of Chaplains
<b>arty</b> artillery	<b>BAL</b> ballistics	<b>CCM</b> cross country movement
<b>ASA (FM)</b> Assistant Secretary of the Army (Financial Management)	<b>BATS</b> ballistic aerial target system	<b>CCNUM</b> Command control number
<b>ASA (RDA)</b> Assistant Secretary of the Army (Research, Development, and Acquisition)	<b>BCCS</b> bottle cleaning and changing stations	<b>CD</b> combat developer
<b>ASAS</b> All Source Analyst System	<b>bde</b> brigade	<b>Cdr</b> Commander
<b>ASC</b> automatic switching center	<b>BFVS</b> Bradley Fighting Vehicle System	<b>CEOI</b> Communications-Electronics Operation Instructions
<b>ASE</b> aircraft survivability equipment	<b>BG</b> brigadier general	<b>CESI</b> Communications-Electronics Standing Instruction
<b>ASI</b> additional skill identifier	<b>BI</b> background investigation	<b>CEV</b> combat engineer vehicle
<b>ASL</b> authorized stockage list	<b>BITE</b> built in test equipment	<b>CG</b> commanding general
<b>asst</b> assistant	<b>bldg</b> building	<b>CHIW</b> costal harbor and inland waters
<b>assy</b> assembly	<b>bn</b> battalion	<b>CI</b> counterintelligence
<b>ASVAB</b> Armed Services Vocational Aptitude Battery	<b>BNCOC</b> Basic Noncommissioned Officer Course	<b>CIAR</b> conversion impact analysis report
<b>AT</b> annual training	<b>BOING</b> basis of issue narrative guidance	<b>CID</b> Criminal Investigation Division
<b>ATC</b> air traffic control	<b>BOIP</b> basis of issue plan	<b>CINC</b> Commander in Chief
	<b>br</b> branch	

<b>CIS</b> Chief Investigative Support	<b>CSCE</b> communications systems control element	<b>den</b> dental
<b>CL</b> clerical	<b>CSOP</b> College Student Officer Program	<b>DENTAC</b> dental activity
<b>CMF</b> career management field	<b>CTMOS</b> control military occupational specialty	<b>dept</b> department
<b>cml</b> chemical	<b>CTSPEC</b> control specialty	<b>DESCOM</b> Depot System Command
<b>CMS</b> centralized materiel service	<b>CTU</b> consolidated TOE update	<b>det</b> detachment
<b>CNCE</b> communications nodal control element	<b>CWAR</b> continuous wave acquisition radar	<b>dev</b> developer; development
<b>Co</b> company	<b>CWO</b> chief warrant officer	<b>DIS</b> Defense Investigative Service
<b>Comdt</b> Commandant	<b>C2I</b> Command, Control, and Intelligence	<b>DISCOM</b> Division Support Command
<b>COMINT</b> communications intelligence	<b>DA</b> Department of the Army	<b>div</b> division
<b>comm</b> communication(s)	<b>DACS-DMA</b> Office of the Chief of Staff of the Army	<b>DIVARTY</b> division artillery
<b>COMPACT</b> consolidation of military personnel activities	<b>DAME</b> division air space management element	<b>DLA</b> Defense Logistics Agency
<b>COMSEC</b> communications security	<b>DAS3</b> Decentralized Automated Service Support System	<b>DMD</b> digital message device
<b>CONUS</b> Continental United States	<b>DB</b> disciplinary barracks	<b>DMMC</b> division materiel management center
<b>CONUSA</b> Continental United States Armies	<b>DC</b> direct current	<b>DMOS</b> duty military occupational specialty
<b>COOP</b> Continuity of Operations Plan	<b>DCA</b> Defense Communications Agency	<b>DO</b> disbursing officer
<b>COR</b> contracting officer's representative	<b>DCPC</b> direct combat position code	<b>DoD</b> Department of Defense
<b>COSCOM</b> corps support command	<b>DCS</b> Defense Communications System; Deputy Chief of Staff	<b>DOT</b> Dictionary of Occupational Titles
<b>CPAP</b> chronic positive airway pressure	<b>DCSINT</b> Deputy Chief of Staff for Intelligence	<b>DRC</b> district recruiting command
<b>CPE</b> Clinical Pastoral Education	<b>DCSLOG</b> Deputy Chief of Staff for Logistics	<b>DRMO</b> Defense Reutilization & Marketing Office
<b>CPL</b> corporal	<b>DCSPER</b> Deputy Chief of Staff for Personnel	<b>DS</b> direct support
<b>CPPB</b> chronic positive pressure breathing	<b>D-E</b> diesel and electric	<b>DS/GS</b> direct support and general support
<b>CPT</b> captain	<b>decon</b> decontaminating; decontamination	<b>DSA</b> Defense Supply Agency
<b>CSA</b> Chief of Staff, U.S. Army	<b>def</b> defense	<b>DSCS</b> Defense Satellite Communications System
<b>C-SIGINT</b> counter-signals intelligence		<b>DSIATP</b> Defense Sensor Interpretation and Application Training

**DSSCS**  
Defense Special Security Communications System

**dup**  
duplicating

**dvr**  
driver

**EAC**  
echelons above corps

**ECCM**  
electronic counter-countermeasure

**ECISP**  
Economic Crime Investigator Specialty Program

**ECM**  
electronic counter measures

**ECS**  
engagement control station

**EEFI**  
essential element of friendly information

**EEG**  
electroencephalograph

**E EI**  
essential elements of information

**eff**  
effective; effects

**EIR**  
equipment improvement recommendation

**EKG**  
electrocardiograph

**ELI**  
emitter location and identification

**ELINT**  
electronic intelligence

**ELSEC**  
electronic security

**E-M**  
electrical-mechanical

**emb**  
embarkation

**emerg**  
emergency

**EMF**  
enlisted master file

**empl**  
employ; emplacement

**enqr**  
engineer; engineering

**ENT**  
ear, nose and throat

**ENTNAC**  
Entrance National Agency Check

**EO**  
equal opportunity

**EOB**  
electronic order of battle

**EOD**  
explosive ordnance disposal

**EPP**  
electric power plant

**EPW/CI**  
enemy prisoner of war/civilian internee

**equip**  
equipment

**ERPSL**  
essential repair parts stockage list

**est**  
estate or estimating

**evac**  
evacuation

**EW**  
electronic warfare

**EW/I**  
electronic warfare and intercept

**FA**  
Field Artillery; Functional Area

**FAA**  
Federal Aviation Administration; functional area assessment

**FAADS**  
Forward Area Air Defense System

**FADAC**  
field artillery digital automatic computer

**FAO**  
Foreign Area Officer

**FASCOM**  
field Army support command

**FC**  
Finance Corps; fire control

**FCC**  
Flight Communications Center

**FD**  
fire direction; fire director

**FDC**  
fire direction center

**FDS**  
fire direction system; finance disbursing section

**FESA**  
Facilities Engineer Support Agency

**FISTV**  
fire support team vehicle

**flt**  
flight

**fltg**  
floating

**FM**  
frequency modulation

**FME**  
field maintenance equipment

**FMS**  
Floating Machine Shop

**FMTS**  
field maintenance test set

**FOA**  
Field Operating Agency

**FOC**  
Flight Operations Center

**FOG-M**  
fiber optic guided-missile

**FR**  
functional review

**freq**  
frequency

**FRIS**  
Field Ration Issue System

**FSC**  
fire support coordination

**FTTD**  
full-time training duty

**FU**  
fire unit

**FUIF**  
fire unit integration facility

**FVS**  
fighting vehicle system

**fwd**  
forward or forwarding

**FXSTA**  
fixed station

**FY**  
fiscal year

**GCA**  
ground controlled approach

**GCM**  
general court-martial

**GED**  
general education development

**GEN**  
general

**geol**  
geologist; geology

**GETS**  
general electric troubleshooting station

**GFT**  
graphic firing table

**GLLD**  
ground laser locator designator

**GM**  
guided missile

**GMLCHR**  
guided missile launcher

**gnr**  
gunner

**Govt**  
Government; Governmental

**gp**  
group

**GS**  
general support; Government Service

**GSS**  
ground surveillance systems

**HARCFT**  
harbor craft

**HCWAR**  
HAWK Continuous Wave Radar

**hel**  
helicopter

**HEMTT**  
heavy expanded mobility tactical truck

**HET**  
heavy equipment transport

**HF**  
high frequency

**HHB**  
Headquarters and Headquarters Battery

**HHC**  
Headquarters and Headquarters Company

**HHT**  
Headquarters and Headquarters Troop

**HIMAD**  
high to medium altitude air defense

**HIPAR**  
high power acquisition radar

**hosp**  
hospital; hospitalization

**HQ**  
Headquarters

**HQDA**  
Headquarters, Department of the Army

**HS**  
high school; high speed

**HSC**  
U.S. Army Health Services Command

**HUMINT**  
human intelligence

**Hv**  
high-velocity; high-voltage; hyper-velocity

**hwy**  
highway

**IBCC**  
improved battery control center

**ICC**  
information and coordination control

**ICP**  
incremental change package

**ICS**  
integrated communication system

**ICSS**  
Impound Combat Support Set

**ICWAR**  
improved continuous-wave acquisition radar

**ID**  
identification

**IERW**  
initial entry rotary wing

**IEW**  
intelligence electronic warfare

**IFC**  
integrated fire control (radar)

**IFF**  
identification friend or foe

**IFV**  
infantry fighting vehicle

**IG**  
inspector general

**IHIPR**  
improved high power illuminator radar

**ILS**  
Integrated Logistic Support

**IMA**  
Individual Mobilization Augmentee

**IMC**  
international Morse code

**IMD**  
instruction methods developer

**IMINT**  
imagery intelligence

**IMRF**  
Instrument Master Record File

**IMV**  
intermittent mandatory ventilation

**IN**  
infantry

**info**  
information

**intel**  
intelligence

**IP**  
instructor pilot

**IPB**  
installation property book

**IPCP**  
improved platoon command post

**IPISD**  
interservice procedures for instructional systems development

**IPPB**  
intermittent positive pressure breathing

**IRR**  
Individual Ready Reserve

**ITV**  
improved TOW vehicle

**JA**  
judge advocate

**JAG**  
judge advocate general

**JAGC**  
Judge Advocate General's Corps

**JAGSO**  
Judge Advocate General Service Organization

**JANAP**  
Joint Army-Navy-Air Force Publication

**JCS**  
Joint Chief of Staff

**JOIN**  
joint optical information network

**JOPS**  
joint operations; Joint Operations Planning System

**JRTC**  
Joint Readiness Training Center

**JTD**  
joint tables of distribution

**JUMPS**  
Joint Uniform Military Pay System

**LACV**  
lighter air cushion vehicle

**LARC LX**  
lighter amphibian resupply cargo 60 tons

**LAW**  
light antiarmor weapons

**LCM**  
landing craft mechanized

**LCMS**  
land combat maintenance system

**LCSS**  
land combat support system

**LCVP**  
landing craft, vehicle personnel

**ldr**  
leader

**LEDC**  
Logistics Executive Development Course

**LES**  
leave and earnings statement

**LF**  
low frequency

**LIC**  
language identifier code

**LID**  
light infantry division

**LLM**  
launcher loader module

**ln**  
liaison

**LOC**  
lines of communications

**LOG**  
logistical; logistician; logistics

**LOGCEN**  
Logistics Center

**LOGSACS**  
logistics structure and composition system

**LOPAR**  
launcher and associated equipment radar

**LORAN**  
long range navigation

**LOS**  
line of sight

**LOS-F**  
line of sight--forward

**LOS-R**  
line of sight--rear

**LOTS**  
Logistics Over-the-shore

**LP/C**  
launcher pod and container

**LRI**  
lowest repairable item

**LSCB**  
launching section control box

**LSRL**  
Long Range Surveillance Leader

**LSV**  
logistics support vessel

**LT**  
lieutenant

**LTC**  
lieutenant colonel

**LTG**  
lieutenant general

**MAAG**  
Military Assistance Advisory Group

**MAB**  
mobile assault bridge

**MAC**  
maintenance allocation chart

**MACOM**  
major Army command

**maint**  
maintenance

**MAIT**  
maintenance assistance and instruction team

**MAJ**  
Major

**MAM**  
Materiel Acquisition Management

**MANPADS**  
Man-Portable Air Defense System

**MARC**  
Manpower Requirements Criteria

**MARS**  
Monetary Allowance Ration System

**mat**  
material; materiel

**math**  
mathematics

**MC&G**  
mapping, charting and geodesy

**MCM**  
Manual for Courts-Martial

**mech**  
mechanic; mechanical

**med**  
medical

**MEDCEN**  
Medical Center

**MEDDAC**  
Medical Department Activity

**MEDCOM**  
medical command

**MEDSOM**  
Medical Supply, Optical and Maintenance

**MEECN**  
Minimum Essential Emergency Communications Network

**MEPCOM**  
Military Enlistment Processing Command

**MEPS**  
military entrance processing station

**MEPSCAT**  
Military Enlistment Physical Strength Capacity Test

**met**  
meteorological; meteorologist; meteorology

**METS**  
modular engine test stand

**MG**  
major general; machine gun; machine gunner

**MGI**  
military geographical information

**mgt**  
management

**mgr**  
manager

**MHE**  
materials handling equipment

**mil**  
military

<b>MLRS</b> Multiple Launch Rocket System	<b>MWO</b> modification work order	<b>ODCSLOG</b> Office of the Deputy Chief of Staff for Logistics
<b>MMC</b> materiel management center	<b>mwave</b> microwave	<b>ODCSINT</b> Office of the Deputy Chief of Staff for Intelligence
<b>MOAC</b> Memorandum of Approved Change	<b>NA</b> not applicable	<b>ODSCOPS</b> Office of the Deputy Chief of Staff for Operations and Plans
<b>MOBTDA</b> Mobilization Table of Distribution and Allowances	<b>NAC</b> National Agency Check	<b>ODSCPER</b> Office of the Deputy Chief of Staff for Personnel
<b>MOC</b> management of change	<b>NAF</b> nonappropriated fund	<b>OER</b> officer evaluation report
<b>MOCS</b> military occupational classification structure	<b>NAIC</b> Nuclear Accident Incident Control	<b>ofc</b> office
<b>MOPIC</b> motion picture	<b>NAMFI</b> NATO Missile Firing Installation	<b>OFF</b> observation and field of fire
<b>MOS</b> military occupational specialty	<b>NAVAID</b> navigational aid	<b>O/I</b> operations and intelligence
<b>MOSC</b> military occupational specialty code	<b>NBC</b> nuclear, biological, chemical	<b>OJE</b> on-the-job experience
<b>MP</b> military police	<b>NCEE</b> National Council of Engineering Examiners	<b>OJT</b> on-the-job training
<b>MPL</b> maintenance parts list	<b>NCO</b> noncommissioned officer	<b>OMF</b> officer master file
<b>mov</b> movement; movements; mover	<b>NCOES</b> Noncommissioned Officer Education System	<b>OMPF</b> Official Military Personnel File
<b>MPRJ</b> Military Personnel Records Jacket	<b>NCOIC</b> noncommissioned officer in charge	<b>OMTS</b> organizational maintenance test set
<b>MRD</b> materiel release denial	<b>NCS</b> net controlling station	<b>ops</b> operating; operations
<b>MRM</b> maintenance reporting and management	<b>NGB</b> National Guard Bureau	<b>OPLAN</b> operation plan
<b>MRO</b> materiel release order	<b>NLOS</b> non-line of sight	<b>OPMS</b> Officer Personnel Management System
<b>MSE</b> mobile subscriber equipment	<b>NOE</b> nap of the earth	<b>OPORD</b> operation order
<b>MSG</b> master sergeant	<b>NSN</b> national stock number	<b>OPSEC</b> operations security
<b>MTOE</b> Modified Tables of Organization and Equipment	<b>OCAR</b> Office of the Chief Army Reserve	<b>OPTE</b> operator proficiency training equipment
<b>MTR</b> missile tracking radar	<b>OCO</b> Operational Capability Objective	<b>OR</b> operating room
<b>MTS</b> mobile team shop; moving target simulator	<b>OCONUS</b> outside Continental United States	<b>ORB</b> officer record brief
<b>MUSARC</b> Major USAR Command	<b>OCPA</b> Office Chief of Public Affairs	<b>ord</b> ordnance
<b>MW</b> Master Warrant Officer	<b>OCS</b> Officer Candidate School	<b>ORF</b> Organizational Repair Float

<b>org</b> organization; organizational	<b>PhD</b> Doctor of Philosophy	<b>psych</b> psychological; psychologist; psychology
<b>OR/SA</b> Operations, Research and Systems Analysis	<b>PIO</b> public information officer	<b>PSYOP</b> Psychological Operations
<b>ORMA</b> Operations Resource Management Activity	<b>PIP</b> Product Improvement Program	<b>PSYWAR</b> psychological warfare
<b>OSD</b> Office of the Secretary of Defense	<b>PLL</b> prescribed load list	<b>pub</b> public
<b>OTEA</b> Operational Test and Evaluation Agency	<b>plt</b> platoon	<b>PVT</b> private
<b>OTIG</b> Office of the Inspector General	<b>PM</b> Project Manager; Provost Marshall	<b>QA</b> quality assurance
<b>OTJAG</b> Office of the Judge Advocate General	<b>PMAD</b> personnel management authorization document	<b>QC</b> quality control
<b>OTSG</b> Office of The Surgeon General	<b>PMDD</b> Personnel Management Development Directorate	<b>QM</b> quartermaster
<b>PA</b> public address; public affairs	<b>PMOS</b> primary military occupational specialty	<b>RACO</b> Rear Area Combat Operations
<b>PAC</b> personnel and administration center	<b>PNCO</b> principal noncommissioned officer	<b>RAU</b> radio access units
<b>PADS</b> position azimuth determining system	<b>POI</b> program of instruction	<b>RC</b> Reserve Component; remote control
<b>PAFASC</b> PATRIOT Field Army Support Center	<b>POL</b> petroleum, oils, and lubricants	<b>RCMAT</b> radio controlled miniature aerial target
<b>PAP</b> Permanent Associate Professor	<b>POM</b> Program Objective Memorandum	<b>RCPAC</b> Reserve Components Personnel and Administration Center
<b>PAR</b> pulse acquisition radar	<b>POR</b> preparation of replacements for overseas movements	<b>R&amp;D</b> Research and Development
<b>PCM</b> punched card machine	<b>POSC-Edit file</b> personnel occupational specialty code--edit file	<b>RDF</b> radio direction finder; radio frequency direction finder
<b>PCP</b> Platoon command post	<b>PPBS</b> Planning, Programming and Budgeting System	<b>RDTE</b> Research, Development, Test and Evaluation
<b>PCS</b> permanent change of station	<b>PRC</b> Position Requirement Code	<b>regt</b> regiment; regimental
<b>PDA</b> physical demands analysis	<b>proj</b> project; projectionist; projective; projector	<b>rep</b> repair; repairer
<b>PDR</b> physical demands rating	<b>pros</b> prosthetic	<b>REQUEST</b> recruit quota system
<b>PERSACS</b> personnel structure and composition	<b>PRP</b> personnel reliability program	<b>ROR</b> range only radar
<b>PERSCOM</b> United States Total Army Personnel Command	<b>PSC</b> Personnel Service Center; Personnel Service Company	<b>ROTC</b> Reserve Officer Training Corps
<b>PFC</b> private first class	<b>PSG</b> Platoon sergeant	<b>RPV</b> remotely piloted vehicle
<b>PFR</b> personal financial record		<b>RW</b> rotary wing

<b>RWAVE</b> radio wave	<b>SHORAD</b> short range air defense	<b>SQI</b> special qualifications identifier
<b>SA</b> small arms	<b>SI</b> skill identifier	<b>Sr</b> Senior
<b>SAAS</b> Standard Army Ammunition System	<b>SIDPERS</b> Standard Installation/Division Personnel System	<b>SRAS</b> Skill and Rank Authorization System
<b>SAILS</b> Standard Army Intermediate Logistics System	<b>SHF</b> satellite high frequency	<b>SRC</b> Standard Reporting Code
<b>salv</b> salvage	<b>SIF</b> selective identification features	<b>SSA</b> Supply Support Activity
<b>SAM</b> surface-to-air missile	<b>sig</b> signal	<b>SSC</b> Soldier Support Center
<b>SAO</b> Special Access Offices	<b>SIGINT</b> signal intelligence	<b>SSG</b> staff sergeant
<b>SATCOM</b> satellite communications	<b>SIGINT/EW</b> signal intelligence and electronic warfare	<b>SSM</b> surface-to-surface missile
<b>SBI</b> special background investigation	<b>SIMOS</b> space imbalanced military occupation specialty	<b>STP</b> soldier training procedures
<b>SCI</b> Sensitive Compartmented Information	<b>SIP</b> standardization instructor pilot	<b>supv</b> supervisor
<b>SCTS</b> system component test station	<b>SJA</b> Staff Judge Advocate	<b>surv</b> surveillance
<b>scty</b> security	<b>SL</b> skill level	<b>svc</b> service
<b>SCUBA</b> self-contained underwater breathing apparatus	<b>SM</b> service member	<b>SW</b> Senior Warrant
<b>SDT</b> self-development test	<b>SMOS</b> secondary military occupational specialty	<b>swbd</b> switchboard
<b>sec</b> section	<b>SMTE</b> support maintenance test equipment	<b>sys</b> system(s)
<b>secy</b> secretary	<b>SOF</b> Special Operations Forces	<b>TA</b> Theater Army
<b>SED</b> special electrical devices	<b>SOI</b> signal operations instructions	<b>TAA</b> Total Army analysis
<b>SERE</b> survival, evasion, resistance, and escape	<b>SOJT</b> supervised on-the-job training	<b>TAACOM</b> Theatre Army Area Command
<b>SFC</b> sergeant first class	<b>SOP</b> standing operating procedures	<b>TAADS</b> The Army Authorization Documents System
<b>SGA</b> standards of grade authorization	<b>SP</b> self-propelled	<b>TAC</b> trainer/advisor/counselor
<b>SGM</b> sergeant major	<b>sp</b> specialist	<b>TACCS</b> Tactical Army Combat Service Support Computer System
<b>SGT</b> sergeant	<b>SPACOL</b> space collection	<b>TACFIRE</b> tactical fire direction
<b>SGS</b> Secretary of the General Staff	<b>SPC</b> specialist	<b>TACSAT</b> tactical satellite
		<b>TADDS</b> target alert data display set

<b>TAG</b> The Adjutant General	<b>trans</b> transport; transportation	<b>USAARMS</b> U.S. Army Armor School
<b>TAMMS</b> The Army Maintenance Management System	<b>topo</b> toposcatter	<b>USAAVNC</b> U.S. Army Aviation Center
<b>TASL</b> theater authorized stockage list	<b>trk</b> truck	<b>USACAC</b> U.S. Army Combined Arms Command
<b>TASS</b> transportable automatic switching systems	<b>TRVEH</b> track vehicle	<b>USACHCS</b> U.S. Army Chaplain Center and School
<b>TBD</b> to be determined	<b>TSM</b> TRADOC System Management	<b>USACIDC</b> U.S. Army Criminal Investigation Division Command
<b>TDA</b> Table of Distribution and Allowances	<b>TTHS</b> trainees, transients, holdees, and students	<b>USACMH</b> U.S. Army Chief of Military History
<b>TDY</b> Temporary Duty	<b>tt</b> teletypewriter; teletype	<b>USACMLS</b> U.S. Army Chemical School
<b>TE</b> technical escort	<b>tl</b> travel	<b>USADB</b> U.S. Army Disciplinary Barracks
<b>tech</b> technical; technician	<b>TWOS</b> Total Warrant Officer System	<b>USAES</b> U.S. Army Engineer School
<b>TEDG</b> turbine engine driven generator	<b>UAD</b> updated authorization document	<b>USAFAC</b> U.S. Army Finance and Accounting Center
<b>telecom</b> telecommunications	<b>UAV</b> unmanned aerial vehicle	<b>USAFAS</b> U.S. Army Field Artillery School
<b>TELINT</b> telephone intelligence	<b>UCMJ</b> Uniform Code of Military Justice	<b>USAFCRS</b> U.S. Air Force Crash Rescue School
<b>TENCAP</b> tactical exploitation of national capabilities	<b>UHF</b> ultra high frequency	<b>USAFINS</b> U.S. Army Finance School
<b>TFM</b> Target Force Model	<b>UL</b> unit level	<b>USAFMSA</b> U.S. Army Force Management Support Agency
<b>TFTS</b> TOW field test set	<b>UMT</b> Unit Ministry Team	<b>USAG</b> U.S. Army Garrison
<b>TI</b> technical inspection; technical inspector	<b>unsvc</b> unserviceable	<b>USAIC&amp;FH</b> U.S. Army Intelligence Center and Ft Huachuca
<b>TISA</b> troop issue subsystems activity	<b>UP</b> under the provisions of	<b>USAIS</b> U.S. Army Infantry School
<b>TMDE</b> test, measurement and diagnostic equipment	<b>UPS</b> unit productivity study	<b>USAJFKSWCS</b> U.S. Army JFK Special Warfare Center and School
<b>tng</b> training	<b>U.S.</b> United States	<b>USALOGC</b> U.S. Army Logistics Center
<b>TOC</b> Tactical Operations Center	<b>USA</b> United States Army	<b>USAMC</b> U.S. Army Materiel Command
<b>TOE</b> table of organization and equipment	<b>USAADASCH</b> U.S. Army Air Defense Artillery School	<b>USAMPS</b> U.S. Army Military Police School
<b>topo</b> topographic	<b>USAADATT</b> U.S. Army Alcohol and Drug Abuse Team Training	<b>USAOCO</b> U.S. Army Office Chief of Ordnance
<b>TOW</b> tube launched, optically sensed, wire guided	<b>USAAGS</b> U.S. Army Adjutant General School	
<b>TRADOC</b> U.S. Army Training and Doctrine Command		

**USAOMMCS**  
U.S. Army Ordnance Missile and Munitions  
Center and School

**USAPA**  
U.S. Army Publishing Agency

**USAPFS**  
U.S. Army Soldier Physical Fitness School

**USAQMS**  
U.S. Army Quartermaster School

**USAR**  
U.S. Army Reserve

**USARB**  
U.S. Army Retraining Brigade

**USAREC**  
U.S. Army Recruiting Command

**USAREUR**  
U.S. Army Europe

**USASC**  
U.S. Army Safety Center

**USASIGC**  
U.S. Army Signal Center and School

**USASMA**  
U.S. Army Sergeants Major Academy

**USASSC**  
U.S. Army Soldier Support Center

**USATC**  
U.S. Army Training Center

**USATSCH**  
U.S. Army Office of Transportation School

**USC**  
United States Code

**USCS**  
United Soils Classification System

**USDB**  
United States Detention Barracks

**USMA**  
United States Military Academy

**util**  
utilities; utility

**UTM**  
universal traverse mercator

**UUT**  
unit under test

**veh**  
vehicle

**vel**  
velocity

**vet**  
veterinary

**VHF**  
very high frequency

**VI**  
visual information

**vis**  
vision; visual

**vol**  
volume

**VSO**  
Veterinary Services Officer

**VTAADS**  
Vertical-The Army Authorization Documents  
System

**VTGR**  
video tracking group radar

**WAB HQDA**  
With Approval By Headquarters, Department  
of the Army

**WG**  
wage group

**WHCA**  
White House Communications Agency

**whd**  
warhead

**whs**  
warehouse

**whsmn**  
warehouseman

**WITA**  
Women in the Army

**WO**  
Warrant Officer

**WOEC**  
Warrant Officer Entry Course

**WOTCC**  
Warrant Officer Technical Certification  
Course

**WOTS**  
Warrant Officer Training System

**wpn**  
weapon; weapons

**wrmn**  
wireman

**wveh**  
wheel vehicle

**WWMCCS**  
Worldwide Military Command and Control  
System

**xmsn**  
transmission

**xmtr**  
transmitter

**XO**  
Executive Officer

**ZOE**  
zone of entry

## **Section II** **Terms**

### **Additional military occupational specialty (AMOS) (Warrant Officer)**

Awarded in addition to a PMOS. Designates military occupational skills in which a warrant officer is qualified to perform all duties normally associated with the MOS as the result of expertise gained through formal training or experience.

### **Additional skill identifier (ASI) (Warrant Officer)**

A two digit alpha-numeric or numeric-alpha code used to identify additional skills possessed by personnel or required by a position.

### **Additional skill identifier (ASI) (enlisted)**

A two digit alpha-numeric or numeric-alpha code which identifies specialized skills that are closely related to and in addition to those required by the MOS.

### **Area of concentration (AOC) (officers)**

Identifies a requirement and an officer possessing a requisite area of expertise (subdivision) within a branch or functional area. An officer may possess and serve in more than one area of concentration.

### **Area of concentration (AOC) (warrant officers)**

A concentration of MOSs within a specific branch or functional area which has closely related technical and tactical skill and training requirements. The AOC is represented in the third character of the warrant officer MOSC.

### **Assignment history/record of assignments**

The record of an officer's assignment are reflected by the duty title and position code of positions occupied as well as by other pertinent information such as assignment dates, organizations, and stations.

### **Basic branch identification (warrant officers)**

Warrant officers are appointed in the Army at large and are not assigned to traditional arms or services of the Army. Identification will normally be by career management group.

### **Branch (officers)**

A grouping of officers that comprises an arm

or service of the Army in which an officer is commissioned or transferred, trained, developed and promoted. All officers hold a single branch designation and may serve repetitive and progressive assignments associated with that branch.

#### **Branch, Basic (officers)**

Basic branches of the Army include: Adjutant General's Corps, Air Defense Artillery, Armor, Aviation, Chemical Corps, Civil Affairs (RC only), Corps of Engineers, Field Artillery, Finance Corps, Infantry, Military Intelligence, Military Police Corps, Ordnance Corps, Quartermaster Corps, Signal Corps, Special Forces, or Transportation Corps, and for whom the U.S. Total Army Personnel Command (PERSCOM) exercises branch manager functions.

#### **Branch/functional area (warrant officer)**

An arm or branch of the Army in which officers earn their warrant and are managed throughout the life cycle of their career. The branch/functional area is represented in the first two characters of the warrant officer MOSC.

#### **Branch Manager**

HQDA element responsible for effecting assignments and other personnel actions for officers, warrant officers and enlisted soldiers.

#### **Branch Proponent**

A HQDA agency or TRADOC School responsible for providing technical advice and assistance to the Commander, PERSCOM in the area of branch/functional area management.

#### **Branch, Special**

A grouping of branches and officers primarily concerned with providing combat service support and/or administration to the Army as a whole but managed separately from PERSCOM combat service support branches. Special branches include: Army Medical Department, Chaplains, and Judge Advocate General.

#### **Career goal**

The highest grade level within a career management field to which an individual can aspire.

#### **Career management authority (warrant officers)**

The agency at Department of the Army responsible for management of warrant officers. Currently the career management authorities for warrant officers on extended active duty are the agencies that have assignment/reassignment authority and maintain the Warrant Officer's CMIF. For warrant officers not on extended active duty, the career management authorities are the Commander, U.S. Army Reserve Personnel Center (ARPERCEN) (for members of the USAR) or territory adjutants general (for members of the ARNGS).

#### **Career management field (CMF)**

A manageable grouping of related MOS that provides visible and logical progression to grade SGM.

#### **Career planning**

The process of providing for future actions that will result in the optimum career development and use of the individual soldier's skills.

#### **Career soldier**

An enlisted member of the Regular Army who has completed more than 3 years of active Federal military service.

#### **Classification**

The process by which data concerning an individual's ability, education, training, intelligence, aptitudes, assignments, and limitations are determined and recorded so that the individual may be developed and utilized where the individual will be of most value to the Army.

#### **Officer Classification System**

The combination of classification data elements (branch, functional area, area of concentration, reporting classification, skill, language identifiers) and their related codes, data chains (position requirements, assignment history), standards of grade authorization, and procedures used to classify officer positions in authorization documents and to identify individuals qualified to perform in these positions.

#### **Control Code (officers)**

The means whereby officers are accounted for by branch or functional area. It represents the branch/functional area under which the officer is charged or accounted for when determining the Army's officer inventory strength and/or when comparing strengths with authorizations. All officers will have a control code designated on HQDA assignment orders. Officers in a student, transient, patient, prisoner, process of separation, excess leave, or other non-operating status will continue to be accounted for under the last designated control code (see AR 614-185.)

#### **Control military occupational specialty (CTMOS) (warrant officers)**

Warrant officers are accounted for by MOS. The CTMOS is the MOS under which the warrant officer is charged or accounted for when determining the Army's warrant officer inventory strength and/or when comparing strengths with authorizations. All warrant officers will have a control MOS designated on HQDA assignment orders. Warrant officers in a student, transient, patient, prisoner, process of separation, excess leave or other non-operating status will continue to be accounted for under the last designated control MOS. Warrant officers will be accounted against installation strengths in the control MOS reflected on HQDA assignment orders.

#### **Decision point**

The point in time in an individual's career when a decision concerning future career progression is made.

#### **Dual track (warrant officers)**

A term used in relationship to those MOS in which dual career patterns exist as shown in DA Pam 600-11.

#### **Duty MOS**

The MOSC assigned to the position against which the warrant officer or enlisted soldier is assigned or, in the absence of a documented position, the MOSC that best reflects the principle duties being performed by the incumbent. Entry MOS (warrant officer). Any MOS in which warrant officers may be initially appointed.

#### **Equivalent Training**

Training that has the same value or meaning as the prescribed training for qualification of a branch, functional area or skill. This training will be evaluated by the respective proponent for determination of equivalency.

#### **First-term base**

Personnel in their first term of service who are capable of eventually progressing to higher grades and becoming career soldiers.

#### **Functional area (officers)**

An interrelated grouping of tasks or skills that usually require significant education, training, and experience, possessed by officers who are grouped by career field other than arm, service or branch. Officers may serve repetitive and progressive assignments within the functional area. An officer may not be accessed into or be assigned to more than one functional area.

#### **Functional Area Proponent**

A HQDA agency or TRADOC School responsible for providing technical advice and assistance to the Commander, PERSCOM in the area of branch/functional area management.

#### **Future changes to DA Pam 611-XX**

Future revisions, deletions, and additions to military occupational identifiers will be announced by publication of memorandums, numbered sequentially, and corresponding to publication month and year of UPDATE, i.e., June 1995. Officer changes to the structure of DA Pam 611-XX will be numbered O-9504-1 through O-9504-\_\_\_\_\_. Warrant officer changes to the structure of DA Pam 611-XX will be numbered W-9504-1 through W-9504-\_\_\_\_\_. Enlisted changes to the structure of DA Pam 611-XX will be numbered E-9504-1 through E-9504-\_\_\_\_\_. Future changes are provided to agencies that must respond to changes of identifiers affecting officers, warrant officers and enlisted classification structures prior to receipt of the next Update issue.

**Immaterial code (officers)**

A duty position that is not identified with or limited to one specific branch of the Army but indicates that any officer may fill the position.

**Job evaluation**

The process of systematically comparing representative positions, in terms of their relative complexity or difficulty, for the purpose of developing standards for equitable grading of those and related positions.

**Language identification code (LIC)**

An alpha-alpha code used to identify a requirement for or qualification in a designated foreign language (see AR 611-6).

**Line of normal progression**

A logical route for advancement within a CMF for maximum development of the individual's skills.

**Management group (warrant officer)**

Internally organized elements of the Warrant Officer Division, PERSCOM, and other HQDA activities given responsibility for management of warrant officers on extended active duty. Warrant officers within the same branch/functional area are managed in the same career management group. Management group codes (MGC) are used to facilitate administration of warrant officer personnel actions and are used on documents in lieu of branch codes.

**Master Warrant Officer (MW)**

A grade code used in requirement and authorization documents to identify warrant officer skill level three. MW consist of grade W4 (select W4s selected by DA board).

**Master Warrant Officer Training Course**

An advanced level training course developed by the MOS proponent and associated service school for each warrant officer MOS they technically certify. The course is designed to provide training for warrant officers to prepare them to successfully accomplish the tasks and skills required by positions coded MW.

**Military occupational classification system (officers)**

It provides the officer branch, functional area, immaterial, area of concentration, skill, language identification, and reporting classification used to classify officer positions, and to identify individuals qualified to perform in those positions.

**Military occupational specialty (MOS) (enlisted)**

The grouping of duty positions requiring similar qualifications, and the performance of closely related duties.

**Military occupational specialty (warrant officer)**

Designates separately definable qualifications within an AOC due to major systems or skill

differences. The MOS is represented in the fourth character of the warrant officer MOSC. The use of a skill qualification identifier (SQI) in the fifth character of the MOSC creates another MOS that carries the title of the SQI.

**Military occupational specialty code (MOSC) (enlisted)**

The 5-character code used to identify MOS, skill level, and special qualifications.

**Military occupational specialty code (MOSC) (warrant officer)**

The warrant officer MOSC consists of five characters. The first two characters are numbers and are used together to represent branch or functional area. The third character is a number and is used with the first two characters to designate area of concentration (AOC). The fourth character, a letter, is used with the first three characters and constitutes a military occupational specialty (MOS). The fifth character, a single position number or letter, is used for the skill qualification identifier (SQI).

**Modification Table of Organization and Equipment (MTOE)**

A table which prescribes in a single document the modification of a basic table of organization and equipment necessary to adapt it to the needs of a specific unit or type of unit.

**MOS career pattern**

The occupational structure of a CMF showing graphically MOS, substitutability, and training courses available.

**MOS structure**

An MOS grouping in which the MOS are systematically arranged in a meaningful order of relationship.

**MOS system**

The total system that includes MOS structure, MOS code, MOS descriptions, and the standards of grade authorization.

**Multiple skill position (officers)**

A position which requires more than one skill identified by branch/functional area, skill and/or LIC.

**Notification of Future Change (NOFC)**

See "future change".

**Personnel management authorization document (PMAD)**

A personnel management authorization document which is designed to be a single statement of authorizations that reflects personnel needs accurately and in a more timely manner than can be obtained from PERSACS.

**Personnel occupational specialty code edit (POSC-Edit) file**

A file that contains a summary of military and civilian occupational classification data. It is used to edit the accuracy and validity of

occupational identifiers in TOE, TAADS, and SIDPERS.

**Personnel reporting code**

A code similar to the MOS code but used only to identify the status of personnel who are not performing duty in an authorized MOS.

**Position Requirement Code (PRC)**

The identification of the skills or qualifications required by an officer of the appropriate grade to effectively perform the duties of a position. It is represented by a data chain which includes either a branch/functional area or LIC code for the principal position requirement, the AOC required within that branch/functional area for the secondary position requirement, if any, and any skill or language requirements.

**Primary military occupational specialty (PMOS) (warrant officer)**

Designates military occupational skills in which the individual is predominately qualified. All warrant officers must be qualified in a PMOS.

**Principal Noncommissioned Officer (PNCO)**

The senior enlisted soldier in the organization or organizational element; also referred to as Noncommissioned Officer in Charge. In manning documents, the organizational element is defined as the paragraph level of detail.

**Principal position requirement**

The area of concentration associated with the principal skills required to perform the duties of a position.

**Reporting classification**

A classification used to identify general officers and general officer positions as well as all officers who are in a non-duty status; i.e., duties unassigned, sick in hospital, student, in transit, etc. Except for general officers and USMA professors all officers accounted for by a reporting classification will be further identified by the copntrol branch/functional area they carried at the time they went into a nonduty status. For example, a student officer (reporting code OOE) with a control branch of Combat Communications-electronics (Branch code 25) would be reported as OOE25.

**Reserve Forces MOS**

An MOS which has no current Active Army authorization but is retained in the MOS structure for Reserve component use only. These MOS are not awarded to Active Army soldiers.

**Secondary position requirements (officers)**

The branch/functional area associated with the secondary skills required to perform the duties of a position.

### **Selective changes**

Selective changes are the result of the implementation or conversion of an occupational identifier. They require analysis of unit missions, assigned equipment, desired skills, training, and experience of the prospective incumbents.

### **Self-renewing**

A term used to describe a grouping of MOS such as CMF, that has a first-term base of sufficient strength to replace normal personnel losses from the career force in higher grades.

### **Senior Warrant Officer Training Course**

An advanced level training course developed by the MOS proponent and associated service school for each warrant officer MOS they technically certify. The course is designed to provide training for warrant officers to prepare them to successfully accomplish the tasks and skills required by positions coded SW.

### **Single Skill position (officers)**

A position which requires skill associated with just one branch or functional area.

### **Skill (officers)**

Identifies a requirement and an officer possessing specialized skills to perform duties of a specific position which may require significant education, training, and experience. A skill can be related to more than one branch or functional area. An officer may have more than one skill. Progressive assignments and repetitive tours are not required.

### **Skill level (enlisted)**

A type and degree of skill representing the extent of qualification with the total MOS. Under enlisted personnel management system (EPMS), it reflects the skills typically required for successful performance at the grade with which the skill level is associated.

### **Special qualifications identifier (SQI) (enlisted)**

Special qualifications identifiers are authorized for use with an MOS and skill level character, unless otherwise specified, to identify special qualifications of personnel who are capable of filling such positions. Use of these identifiers in individual classification will be in accordance with AR 600-200.

### **Special qualifications identifier (SQI) (warrant officer)**

Designates significant qualifications which require, as a minimum, successful completion of a formal service school or at least 6 months on-the-job training. The SQI is represented in the fifth character of the warrant officer MOSC and may be used to represent functional career tracks with an MOS. When no special qualifications apply, the digit "0" (zero) is recorded in the fifth position. The use of an SQI in the fifth character of the

MOSC creates another MOS that normally carries the title of the SQI.

### **Standards of grade (SG)**

Provisions for determining the grades that can be authorized for positions classified in an MOS.

### **Substitutability**

An indication that an MOS is sufficiently related occupationally to another MOS to permit personnel substitutions between them. Related MOS are neither completely nor equally interchangeable. A person may require from 1 to 6 months of on-the-job training to become fully qualified in a substitute MOS. Length of on-the-job training will depend on the scope and complexity of the MOS and the ability, motivation, and background of the individual.

### **SW (Senior Warrant Officer)**

A grade code used in requirement and authorization documents to identify warrant officer skill level two. SW consist of grades W3 and W4.

### **Table of Distribution and Allowance (TDA)**

A table which prescribes the organizational structure, personnel and equipment authorizations, and requirements of a military unit to perform a specific mission for which there is no appropriate table of organization and equipment.

### **Technician (warrant officer)**

The word "technician" as applied to a warrant officer, connotes the possession and exercise of both technical and tactical skills appropriate to the warrant officers' MOS and grade, and it implies the ability to train, lead, and supervise enlisted and civilian personnel qualified in occupations similar to those of the warrant officer.

### **Table of Organization and Equipment (TOE)**

A table which prescribes the normal mission, organizational structure, and personnel and equipment requirements for a military unit, and is the basis for an authorization document.

### **The Army Authorization Document System-Redesign (TAADS-R)**

An automated system that supports the development and documentation of organizational structures. It also supports requirements for and authorizations of personnel and equipment needed to accomplish the assigned missions of Army units. Refers to the combination of authorization documents, Modification Tables of Organization and Equipment (MTOE) and Tables of Distribution and Allowances (TDA).

### **Total Warrant Officer System (TWOS)**

The total Army warrant officer personnel

management system is a disciplined, requirements-based system which incorporates personnel life cycle management functions from recruitment and pre-appointment training through retirement.

### **Type "A" changes**

Document change that are identified automatically as the result of the POSC-Edit of documents contained in the VTAADS. Type A changes include "one-for-one" changes as discussed above but only if SQIs skill, and ASIs that currently appear on the document line to be converted are compatible with the new MOSC/AOC in which the position is to be classified. Type A changes may only be handled to the four character MOS level of detail.

### **Type "B" changes**

Document changes that require TAADS proponents to submit information to HQDA and proponent data bases via VTAADS. Generally, Type B changes are identified in TAADS by the conversion impact analysis report (CIAR). Examples of Type B changes are-

a. Conversion of a single MOSC or AOC into two or more MOSC or AOC and the rescission of the current MOSC or AOC at the same grade and skill level.

b. Shredout of a single MOSC or AOC into the same MOSC or AOC and one or more other MOSC or AOC at the same grade skill level.

c. Conversion of an ASI, SQI, or skill to an MOSC or AOC at the same grade and skill level.

d. Change or addition of an SQI, ASI, and skill or the conversion of one of these to another SQI, ASI or skill.

e. Association or disassociation of an existing ASI, skill or SQI with one or more MOSC or AOC.

f. MOSC or AOC is deleted and is replaced by an ASI, skill or SQI.

### **Type "B+" changes**

Selective document changes that are not identified in the TAADS by the CIAR. Included is any SG revision that changes the authorized grade of selected positions either as a separate action or as part of a type B change.

### **Unit Ministry Team**

A task/organized, mission-based team designed to accomplish and support the specified religious, spiritual and ethical needs of soldiers in accordance with command responsibilities. At a minimum, the Unit Ministry Team consists of one Army chaplain and one Chaplain Assistant.

### **Updated authorization document (UAD)**

The authorization document which provides a monthly update of PMAD.

### **Warrant officer**

An officer appointed by warrant by the Secretary of the Army based on a sound level of

technical and tactical competence. The warrant officer is the highly specialized expert and trainer who, by gaining progressive levels of expertise and leadership, operates, maintains, administers, and manages the Army's equipment, support activities, or technical systems for an entire career.

**Warrant Officer Entry Course**

A course designed to provide standardized training and evaluation of warrant officer candidates.

**Warrant Officer Technical Certification Course**

A course designed to verify that a warrant officer candidate has successfully demonstrated a sound level of technical and tactical competence in the MOS of application.

**Warrant Officer Training System (WOTS)**

A warrant officer entry level, "triple check" preappointment evaluation/training process which requires selection by centralized board (PERSCOM, ARPERCOM, State Adjutants General), successful completion of a Warrant Officer Entry Course (WOEC), and technical certification by the MOS proponent.

**WO (Warrant Officer)**

A grade code used in requirement and authorization documents to identify warrant officer skill level one. WO consists of grades W1 and W2.

**Section III**

**Special Abbreviations and Terms**

This section contains no entries.

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